

1925-26

BULLETIN

of

A.&T.COLLEGE

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THE NEGRO AGRICULTURAL
AND TECHNICAL COLLEGE

of North Carolina

Obedience to the Law is the Largest Liberty



GREENSBORO, NORTH CAROLINA

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July, 1925

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CALENDAR 1925-1926

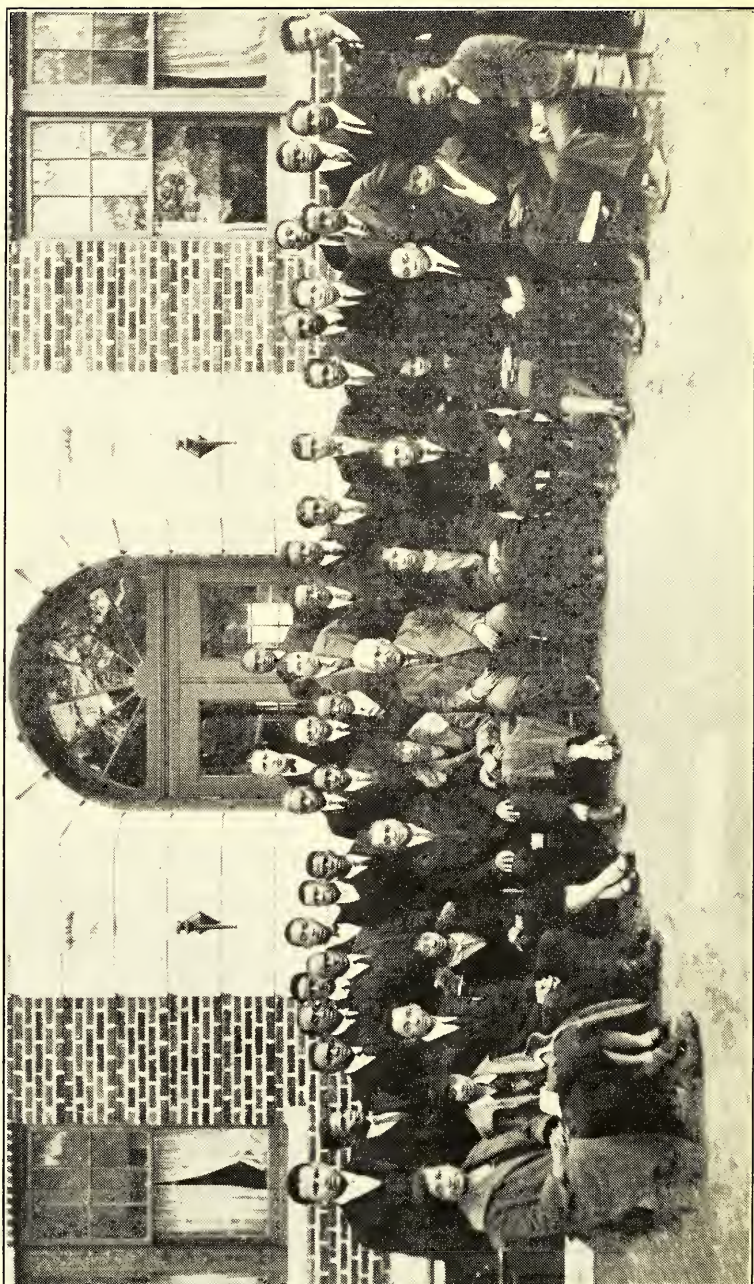
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"The person who seeks to array one class against another, one race against another, or one section against another, is an enemy to the country and to all the people."

—J. B. DUDLEY.

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BULLETIN WAS
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FATHER



THIRTY-FIRST

ANNUAL CATALOG

OF THE

Negro Agricultural and
Technical College

OF NORTH CAROLINA

1925-1926

GREENSBORO, NORTH CAROLINA

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ANNOUNCEMENTS

1. **MEDICAL FEE.**—Every student lodger must pay two dollars medical fee. There will be no further charges for medical attention; but this fee does not include expenses for medicine, bandages or dressing. Students who do not lodge on the campus are not entitled to the services of the college physician.

2. **VACCINATION.**—Each student is required to be vaccinated on entering unless he can satisfy the college physician that vaccination is unnecessary.

3. **LODGING DEPOSITS.**—On account of limited accommodations, students should secure rooms at once by paying one dollar for September lodging. In case of sickness or inability to attend, the one dollar will be refunded, providing application for its return is made before September 15, 1925.

4. **SPECIAL EXAMINATIONS.**—Entrance examinations and examinations for the removal of conditions will be held September 16th. All students with conditions should avail themselves of this opportunity. As special examinations are not held during the sessions, no condition will be removed except during the examination week.

Each student must pay in cash on entering all entrance fees and expenses for the first month.

CALENDAR FOR 1925

JANUARY	FEBRUARY	MARCH	APRIL
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
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11 12 13 14 15 16 17	15 16 17 18 19 20 21	15 16 17 18 19 20 21	12 13 14 15 16 17 18
18 19 20 21 22 23 24	22 23 24 25 26 27 28	22 23 24 25 26 27 28	19 20 21 22 23 24 25
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SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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CALENDAR FOR 1926

JANUARY	FEBRUARY	MARCH	APRIL
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17 18 19 20 21 22 23	21 22 23 24 25 26 27	21 22 23 24 25 26 27	18 19 20 21 22 23 24
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31 -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --
MAY	JUNE	JULY	AUGUST
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SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25
26 27 28 29 30 -- --	24 25 26 27 28 29 30	28 29 30 -- -- -- --	26 27 28 29 30 31 --
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CALENDAR, 1925-1926

- September 15—Entrance examinations and examinations for removal of conditions.
September 16—Registration Day.
September 17—Fall Term begins.
December 7-8—Fall Term examinations.
December 9—Winter Term begins.
March 11-12—Winter Term examinations.
March 15—Spring Term begins.
May 27-28—Spring Term examinations.
May 30—Baccalaureate Sermon.
June 1—Commencement.
June 14—Summer School.

HOLIDAYS

- Armistice Day.
Thanksgiving Day.
Christmas Holidays,
December 24, 1925-Jan. 4, 1926.
Easter Monday.
July 4.

SPECIAL DAYS

- Arbor Day, November 21—Special Program by Department of Agriculture and Chemistry.
Douglas' Birthday and Negro History Week, February 12-15
—Special Program by English Department.
Morrill's Birthday, April 14—Agriculture and Mechanic Arts Societies have special programs.

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Secretary to the Director Agricultural Department

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Requisition Officer

WM. ELLIS
Steward

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H. E. WEBB, B. S. A.
County Demonstration Agent, Guilford County

THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE OF NORTH CAROLINA

This college was established by an act of the General Assembly of North Carolina, ratified March 9, 1891. The leading object of this institution is declared by the act to be instruction in practical agriculture, the mechanic arts and such branches of learning as relate thereto.

The management and control of the college and the care and preservation of all its property are vested in a Board of Trustees, consisting of fifteen members, who are elected by the General Assembly, or appointed by the Governor, for a term of six years.

The Trustees, by the act of the Legislature, have power to prescribe rules for the management and preservation of good order and morals at the college; to elect the president, instructors, and as many other officers and servants as they shall deem necessary; have charge of the disbursements of the funds, and have general and entire supervision of the establishment and maintenance of the college.

The financial support of the college for the payment of salaries and purchase of apparatus and equipment is derived from the United States, under an Act of Congress, known as the "Morrill Act," passed August 20, 1890. This act makes an annual appropriation for each State and Territory for the endowment and support of colleges for the benefit of agriculture and mechanic arts to be applied "only to instruction in agriculture, the mechanic arts, the English language and the various branches of mathematics, physical, and natural economic sciences, with special reference to their application in the industries of life and the facilities of their instruction."

The college also receives an appropriation from the State for general maintenance, which cannot be provided for under the laws governing the use of federal appropriations.

The citizens of Greensboro donated fourteen acres of land and \$11,000 to be used in the construction of buildings. In 1893 this was supplemented by an appropriation of \$10,000 by the General Assembly. Dudley Hall, one of the finest school edifices in North Carolina, was completed in 1893, and the school opened in the fall of that year.

Every Negro who will observe the splendid record of success and usefulness which the graduates almost without exception are making must naturally feel grateful to the "Old North State" for the excellent work that this Commonwealth is doing for the uplift of its Negro citizens. Whoever will note the substantial interest and splendid support that this institution is receiving from every State official and from the representatives of the people in every Legislature, must admire the wise and liberal treatment North Carolina is giving for the maintenance of helpful institutions for her Negro citizens, and ever appreciate the excellent results that are being accomplished. It is certain no Negro can study the important work of this institution and its influence for the advancement of all people without feeling a stronger sense of obligation to his State and that he should strive to be a better, truer and more patriotic citizen of the great State of North Carolina.

THE COLLEGE BUILDINGS

The College buildings are heated with steam and lighted by electricity. All the buildings are kept in a sanitary condition and the healthfulness of the campus and surroundings is well known.

DUDLEY HALL

Dudley Hall is built of brick and is regarded as one of the finest school buildings to be found in the State. It is three stories in height, with a tower from which a fine view of the city and the surrounding country may be obtained. It contains recitation rooms for the Academic Department, the Chapel, Library, Auditorium, offices for the President, Dean, Treasurer, Registrar and Bursar.

NORTH DORMITORY

The North Dormitory is a three-story building which contains rooms for about 70 students.

SOUTH DORMITORY

The South Dormitory is a three-story, brick building, which contains rooms for 92 students, the basement of which is used for store rooms.

MORRISON HALL

Morrison Hall is a fireproof, three-story building with basement. It contains rooms for one hundred students.

THE AGRICULTURAL BUILDING

The Agricultural Building is a fireproof, three-story structure, with basement. It contains laboratories for botany, zoology, geology, physics and chemistry and class rooms and offices for the Director and the heads of divisions.

MECHANICAL BUILDING

The Mechanical Building is a two-story brick building with basement. In the basement of this building are located the brick shop and the wood turning shop. On the first floor are the machine, the carpentry, the tailor and the shoe shop, while on the second floor are the Director's office, drawing rooms and the studio.

AUTO MECHANICS BUILDING

Automobile Mechanics Building is a one-story, fireproof structure. It is 120 feet long and 55 feet wide, and contains class rooms, a machine shop, a storage room for cars.

MURPHY HALL

Murphy Hall is a one-story, fireproof building, which contains the dining room and the kitchen. The dining room contains seating capacity for 800 students. It is one of the most beautiful buildings of its kind to be found in the State.

ADMISSION TO HIGH SCHOOL

Before coming to the college every student should write for an application blank. This should be filled out and returned to the President. The student will then be informed whether his application has been accepted. He should not leave home for the college until he has received word that his application has been accepted.

Applicants must be in good health and not under fifteen year of age.

Entrance examinations will not be required of students who have completed the seventh grade in the grammar schools,

or who can furnish evidence that they have completed, in reputable schools, courses similar to those completed by the class to which they seek admission.

SPECIAL STUDENTS IN AGRICULTURE AND TRADES

Students desiring to enter practical courses in Agriculture and Trades as special students may do so without passing the formal entrance examination. They will be required to work all day at their trades and to attend their academic classes at night. The college is anxious to help in this way a number of ambitious young men who have been denied school advantages in their youth to become more efficient and dependable workers.

ADMISSION OF SPECIAL STUDENTS

Only in exceptional cases will students be admitted to the specially arranged courses of study, and then only when the age, experience, and the purpose of the applicant are clearly different from those of the regular student. An applicant for admission as special student should write to the President, stating first, his age; second, his school preparation; third, his practical experience, the courses he desires to take, and the reasons for the special courses.

ADMISSION TO COLLEGE

Students from other institutions who desire admission to the Freshman Class must show that they have completed fifteen units of high school work. At least eight units should be in the following subjects:

English	3 units
History	1 unit
Foreign Language	1—2 units
Algebra	1 unit
Plane Geometry	1 unit
Science	1 unit

The remaining credits to make up the fifteen units may be offered from the following subjects: English 1, Foreign Languages 2, Mathematics 1, Science 2, History 1, Mechanical Drawing 1, Agriculture 2, Manual Training 1.

UNIT OF CREDIT

A unit of work in the above requirements is approximately a fourth of a year's work in a secondary school. It is assumed that a study is pursued for four or five periods a week; that the recitation periods are from forty to sixty minutes in length; and that the length of the school year is from eight to nine months.

Applicants for advance standing will be passed upon by the President and the committee on classification.

All persons who desire to enter the college should make application to the President as early as possible before the opening of the school, September 15th. Those who desire to be admitted by certificate should apply as soon as possible after graduation from the high school. For all applicants the blank form found in the back of the catalogue is sufficient. Early attention to this matter will save the student much delay at the opening of the session.

Admission to the College must be secured in one of the following ways:

1. By certificate. Graduates from high schools in the State will receive entrance credits according to the standing of their respective schools, as shown by the official bulletin of the State Department of Education. If the student is not a high school graduate, he must comply with the requirements by examination.

2. By examination. Entrance examinations will be held at the college on the following date: September 15.

LATE REGISTRATION

A former student who registers after the last regular registration day will be required to pay the registration fee of 50c for each day he is late. A late registration fee of \$5.00 will be required of all students who fail to register during the registration days of the winter and spring terms, provided they registered during the fall term. Class work will begin promptly as scheduled and late registrants will be required to pass an examination upon all work already completed in the course they desire to take.

Every student, irrespective of the method by which he seeks admission, must present to the College, through the principal

of his former school, a transcript covering his entire record of subjects and grades for four years, and, second, a statement including teacher's estimate of his character.

The unit of credit is the term hour, which stands for one recitation or laboratory period per week for twelve weeks. Each recitation period carries with it approximately two hours of preparation.

Regular work consists of eighteen hours. No student may enroll in more than eighteen hours per term, except by written permission of the Committee on Classification.

GRADING SYSTEM

At the end of each term, the standing of each student is reported by the teacher to the registrar and is entered on the records. The student's standing is expressed, according to proficiency, in grades A, A—, B, C, D, F.

There are four passing grades, as follows:

A, 95 to 100; A—, 90 to 95; B, 80 to 89; C, 70 to 79; D denotes that work is conditional. F denotes failure to make passing grade.

ADDITIONAL COURSES

Students will not be permitted to add a course except on the approval of the Director of the Department in which he is taking his work, and in no case later than two weeks after the class work has begun.

MAJOR AND MINOR REQUIREMENTS

Before the beginning of his Junior year, the student must select a "major subject" in which he must do at least 27 term hours of advanced college work. He must also select a "minor subject," in which he must do 18 term hours. The minor must be in a department closely allied to that of the major.

GRADUATION

Graduation from the A. and T. College involves the satisfaction of the following requirements:

GRADUATION REQUIREMENTS

First, before becoming a candidate for graduation, a student must have completed 210 term hours of college work.

Second, the completion of a satisfactory thesis by all candidates for degrees. The thesis assigned must be filed with the Registrar on or before April 1st of the Senior year.

Third, payment of diploma fee of five dollars must be made to the Bursar on or before May 1st, preceding the graduation.

It is the aim of the institution to send forth men who are fit representatives. To this end, the faculty reserves the right to refuse to admit any student to the Senior class or to graduate any one who, though qualified by class record, may otherwise be unfit.

A student satisfactorily completing a short course in some agricultural or mechanical branch will be awarded a certificate upon payment of one dollar.

Candidates for graduation from college or high school, in addition to the work outlined in the catalogue, must spend at least one summer at the college for instruction in practical work, unless they furnish satisfactory reports from responsible persons as to their efficiency.

Students in the graduating class must clear all conditions by the close of the winter term. Students will not be allowed to remove conditions in the spring term of the graduating year.

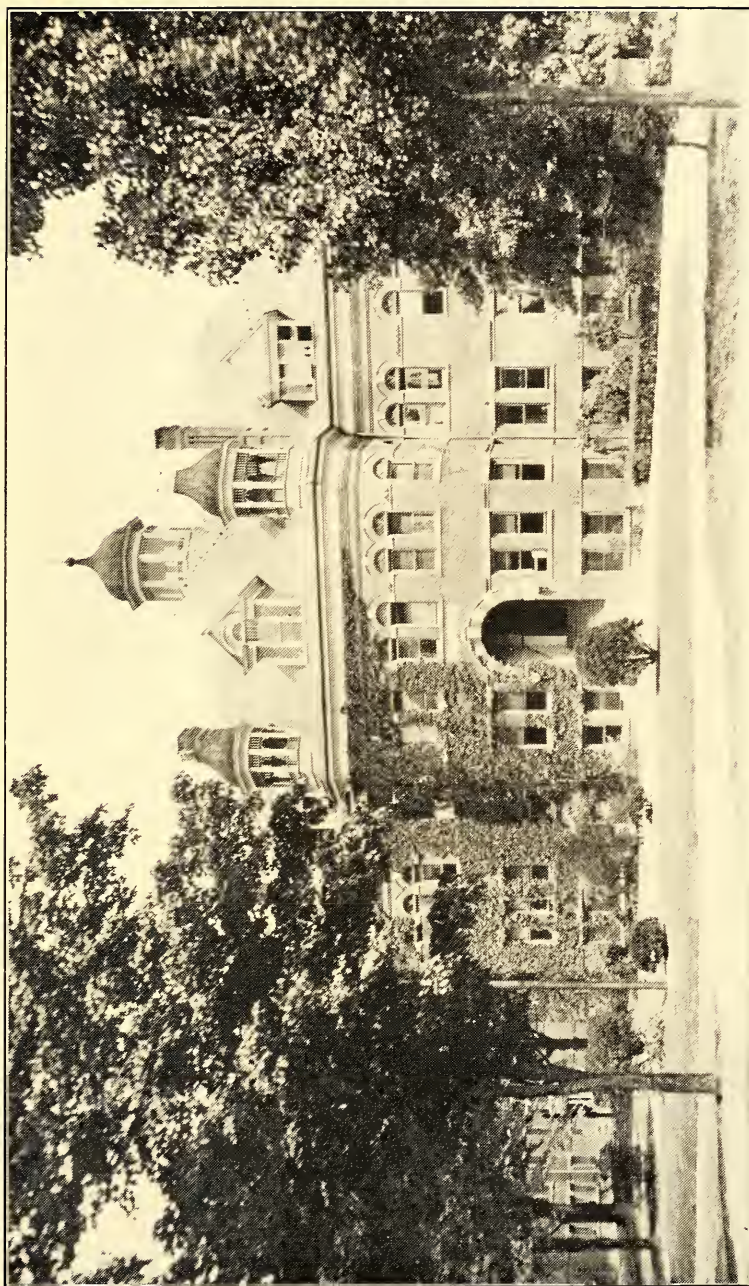
DEGREES

Students graduating from the Agricultural Course shall be entitled to the degree of Bachelor of Science in Agriculture.

Students graduating from the Mechanic Art Course shall be entitled to the degree of Bachelor of Science in Mechanics.

EXPENSES

Parents and guardians are advised to send direct to the President of the College all sums of money intended to defray expenses of students. If this suggestion is followed, it will not be possible for a student to spend for other purposes



DUDLEY HALL, ADMINISTRATION BUILDING



AGRICULTURAL AND SCIENCE BUILDING

money sent him to meet his school bills. School bills must be paid by cash, postoffice money order, or bank draft. Personal checks are not accepted.

Although it is the aim of the college to furnish as much employment as possible to assist students in defraying expenses, no promise nor guarantee can be made in advance to furnish such work.

Students who work during the day and attend school at night will be given an opportunity to earn sixteen dollars a month. This will meet their current monthly expenses; but the first month must be paid in cash in the same way as day students.

No money paid on school bills will be returned, except such as may be paid in advance of the current month, and no student will be credited with fractional parts of monthly payments, except that students entering may make their initial payment to the first of next month.

Positively no students will be allowed to enter any department of the college without paying in cash the first month's expenses, as stated below.

The first month's expenses will be about \$35.00 for new students and about \$30.00 for former students. Expenses for subsequent months will be between \$12.00 and \$16.00.

Matriculation fee of \$5.00 payable only by new students.

The applicant will make the following payments:

MONTHLY PAYMENTS

Tuition per month, \$2.00.

Lodging, per month, \$2.00; in Morrison Hall, \$3.00 per month.

Laundry fee, per month, \$2.00.

Board, per month, \$12.00.

TERM PAYMENTS

Auto Mechanics	\$5.00
Blacksmithing	3.00
Broom Making	2.00
Carpentry	3.00
Electricity and Plumbing	2.00
Machine Shop Practice	2.00
Masonry	2.50

Photography	5.00
Shoemaking	3.00
Commercial Course	3.00
Tailoring	5.00
General Science	1.00
Chemistry	2.00
Physics	2.00
Biology	2.00

LAUNDRY

The College operates a well-equipped steam laundry for the benefit of the students. Each boarding student is therefore required to have at least a dollar's worth of laundry done each month.

YEARLY PAYMENTS

Incidental Deposits	\$2.00
Registration Fee (for former students only)	1.00
Dining Hall Fee	1.00
Medical Fee	2.00
Library Fee	1.00
Athletic Fee	5.00
Lecture Fee	2.00

FOR NEW STUDENTS ONLY

Matriculation Fee	\$5.00
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Write for special rates allowed dependents of ministers and teachers.

These charges are payable strictly in advance.

Students at the time of the advance payment will be given cards, which will admit them to the class rooms, work shops and dining hall when properly countersigned.

In addition to the above expenses, the cost of textbooks must be considered. This will amount to about \$12.50 per year.

Board, lodging, medical fee, tuition and incidental deposit must be paid for before the rooms are assigned and tickets of admission to class rooms, work shops and dining hall are issued.

All school bills must be paid on the first day of each month.

Parents will see to it that their sons' bills are paid on time, as students will not be permitted to attend their classes unless their bills are paid.

Each student should bring two quilts or blankets, one counterpane, four sheets, two pillows cases, six towels, etc.

All students must furnish books, stationery, drawing instruments, thumb tacks and medicines.

Each student must keep on deposit \$2.00 to cover any charges which may be made against him for damages done.

Our regular college uniforms are neat and attractive and can be worn at all times.

The regular uniform is made of very good material and should last the average student at least two or three years.

The cost of uniforms (two pieces) with cap is \$22.00. For privates and officers, \$22.00, plus the cost of the insignia of rank, which will be not more than \$1.00. All students will be required to wear uniforms.

GENERAL INFORMATION

Students desiring assistance in defraying expenses, as far as possible, will be allowed to work, for which they can get credit each month at the time of their advance payment.

The pay allowed all students, except Seniors, shall be in settlement of their accounts or claims against the college.

The several industries operated in the school afford opportunity for needy but industrious students to help themselves. It is impossible to state definitely and in advance how much a student, and especially a new one, can earn per month. This largely depends upon his individual application and energy. All can earn something each month, while the most industrious and energetic student will regularly earn his expenses.

Students, upon arrival in Greensboro, must report immediately to the President for examination and registration.

Each student upon applying for admission will be requested to sign a pledge to obey the rules of the college. Parents and guardians are particularly requested to examine our rules and regulations, to be found on another page of this catalogue.

It will be the purpose of the college to maintain a high moral tone and develop a broad, tolerant religious spirit among the students. In this connection there is a well organized Y. M. C. A., which meets twice a week for song and praise. A special service will be conducted in the chapel each Sunday by pastors representing the different denominations of the city. Sunday School is conducted every Sunday during the school year. All religious services will be free from sectarianism.

There are two literary societies—the Dunbar and Douglas, which greatly stimulate the development of character and the training of the intellect. These offer facilities for practice in debate, oratory, declamation and essay writing; the members become reasonably familiar with parliamentary law and usage. The faculty, by presence and advice, will seek to encourage these societies. Membership in one or the other of these societies will be compulsory. There are two technical societies, in which special topics in connection with agriculture, mechanics and chemistry are considered in a manner conducive to independent thought and research.

Students whose parents or guardians do not live in Greensboro or its immediate vicinity will be required to room and board in the college—except when the consent of the faculty has been secured by the written request of the parent or guardian. Consent will only be given, however, when the judgment of the faculty directs that it can be done with safety, as the college cannot, nor does it desire to, rid itself wholly of responsibility out of school hours of the conduct of students who do not room and board in the college.

Students who are dismissed or expelled will be required to leave immediately. If they do not have railroad fare, they will be put to work for board and lodging only until such time as parents or guardians shall send money for their traveling expenses.

Students who lodge at the college will not be allowed to work in the city except in the employment of the college. Students who lodge on the campus will be required to board in the dining room.

Students should note that three unexcused absences or six marks for tardiness in one month, unless excused by the discipline committee, render a student liable for dismissal.

The industrial part of each course of instruction applies to all students, and none will be excused therefrom.

INDUSTRIAL MUSEUM

An industrial museum has been started and already valuable collections of work done by students are to be seen. We have collections representing the work in carpentry, blacksmithing and the various trades; also specimens from the Agricultural, English and Dairy Departments. Such articles for exhibit are collected every month.

RULES AND REGULATIONS

1. The signal for rising will be given at 6:00 a. m. Dressing and arranging rooms, 6:15 to 6:45 a. m. Inspection, 6:45 a. m. Breakfast, 7:00. Morning session, 8:00 to 12:00. Chapel 12:00 to 12:30 p. m. Dinner, from 12:30 to 1:00 p. m. Afternoon session, 1:00 to 4:00. Study, 7:00 to 10:00 p. m. Inspection, 9:45 p. m. Retiring signal and lights out, 10:15 p. m.

2. Strict attention must be given to cleanliness and deportment. Each student is required to keep his room in order and subject to inspection at any time, and to conduct himself at all times in a gentlemanly manner. To maintain a higher moral standard is one of the prime objects of this institution; and any student known to have vicious habits or to indulge in vulgar language, will be deemed an unfit associate and will be expelled from the college.

3. Untruthfulness or dishonesty in any form will not be tolerated. Students guilty of such offenses will be promptly dismissed.

4. Students shall promptly attend prayers and chapel services, and special exercises and class instruction work. Tardiness or absence from these duties will, when not excused, subject a student to demerits. Loitering in Dudley Hall by the students is prohibited.

5. Students who interrupt the quiet and order of the college life by noise in or near the buildings or who commit intentional damages to college property or who become a nuisance

by throwing slops near the buildings or otherwise, will not be allowed to room on the grounds.

6. Students who persistently absent themselves from chapel and class work, or who persistently neglect college duties, or who absent themselves from college grounds contrary to rules and regulations, are not regarded as desirable companions for industrious, meritorious students, and will not be allowed to continue as students in the college.

7. Students must attend church on Sunday morning. Parents or guardians should designate to the President of the college what church they wish their sons or wards to attend.

8. Any student shooting or having on his person, in his room, or on the college premises, rifles, spring guns, firearms, or deadly weapons of any kind whatsoever will be dismissed.

9. The use of playing cards, tobacco, spirits, malt or vinous liquors by the student is prohibited. Students are forbidden to enter any disreputable house while absent from the college grounds.

10. Students are forbidden to receive visitors in the dormitory building.

11. At all times the students shall deport and express themselves respectfully toward the faculty and every member of it, and also toward their fellow students. Any deficiency in this particular will be punished. A student failing to respond to any reasonable demands by members of the faculty shall be held guilty of contempt and punished accordingly.

12. No student will be retained after he has received thirty-four demerits during the session.

13. Every new student must be vaccinated before entrance, or present a doctor's certificate showing that vaccination is unnecessary.

14. A student cannot remain in good standing in any department when dismissed from another.

15. No diploma shall be given to any student who is in debt to the college.

16. Any student found guilty of any species of dishonesty shall be dismissed or expelled, at the discretion of the faculty.

By order of the Board of Trustees.

THE FOLLOWING SCHOLARSHIPS AND PRIZES WILL BE AWARDED IN 1925-1926

SCHOLARSHIPS

The A. M. Scales scholarship of \$25.00 on board, lodging and tuition will be allowed to the student completing the Freshman year with the best record in scholarship and deportment.

The Odell Hardware Company scholarship of \$25.00 on boarding, lodging and tuition will be allowed to the student completing the Sophomore year with the best record in scholarship and deportment.

The W. G. Pearson scholarship of \$25.00 on boarding, lodging and tuition will be allowed to the student completing the Junior year with the best record.

The scholarships herein announced will be awarded to the winners on Commencement Day. They will be available January 1, 1926.

PRIZES

A prize of \$3.00, known as the Cone Cash Prize, will be given to the student who submits the most practical, original suggestion for the improvement of college affairs.

MEDALS

The John Merrick Medal will be awarded to the student completing the full mechanical course with the best four-year record in the college department.

The John D. Wray Medal will be awarded to the student completing the full four-year course in agriculture with the best record, upon the following conditions:

The successful student entering the contest must have a general average of B in every agricultural and academic subject during the Freshman, Sophomore and Junior years, and a general average of A in his practical work and deportment.

The student to be eligible in his Senior year must have a general average of A in all his agricultural and academic subjects and A in his practical deportment.

The title of the medal will be, "For excellence in Agricultural Science." The medal will be of a fine quality and in keeping with the high purpose for which it is given.

FREE TUITION

Fee tuition will be allowed any student for one year following a year in which he is on the Honor Roll for three consecutive terms.

NOTICE TO MECHANIC ARTS STUDENTS

Mechanic Arts students, in order to receive a passing grade in any industry, must do 70 hours work per term if in the college course, or 135 hours per term in the trade school courses.

Mechanical students will take notice that the following number of hours of practical work must be done satisfactorily before graduating from college:

FRESHMEN CLASS

Fall Term—60 actual hours in any shop.

Winter Term—60 actual hours in a shop other than that selected for the Fall Term.

Spring Term—60 actual hours in a shop other than the two selected in the Fall and Winter Terms.

SOPHOMORE CLASS

Fall Term—60 actual hours, at the trade selected.

Winter Term—60 actual hours, at the trade selected.

Spring Term—60 actual hours, at the trade selected.

JUNIOR CLASS

Fall Term—60 actual hours, at the trade selected.

Winter Term—60 actual hours, at the trade selected.

Spring Term—60 actual hours, at the trade selected.

SENIOR CLASS

Fall Term—60 actual hours, at the trade selected.

Winter Term—60 actual hours, at the trade selected.

Spring Term—60 actual hours, at the trade selected.

DEPARTMENT OF AGRICULTURE

The Department of Agriculture aims to educate efficient farmers, teachers of agriculture, agricultural extension workers and leaders in other lines of agricultural activities. The courses co-ordinate instruction with practice in the successful production of crops and animals, embracing a thorough training in horticulture, dairying, poultry production, rural engineering, rural economics, rural sociology and rural education.

The Department offers three courses, viz., a one-year course in applied agriculture, a four-year high school course in agriculture and a four-year college course in agriculture.

EQUIPMENT

The New Agricultural Building provides ample room for all agricultural class and laboratory activities, including the related sciences of botany, zoology, geology, physics and chemistry. In addition to the laboratories and class rooms provided for in this building, there is also an agricultural library for the purpose of having books, state and federal reports, bulletins, journals, etc., of a special nature readily available for agricultural students and instructors and a museum, which is to contain hundreds of specimens of normal and diseased plants, insect pests, etc., found throughout the State of North Carolina and in many parts of the entire country.

CAMPUS

The campus, containing approximately twenty-five acres, offers an opportunity for practice in landscape gardening, vegetable growing, etc. There are also two splendid greenhouses on the campus that make it possible to give instruction and practice in greenhouse management, a very popular and promising feature of our agricultural activities. We also have a small dairy building on the campus which offers an opportunity for instruction and practice along the line of dairying.

FARM

The farm, which is located on the National Highway and also on the Southern Railroad from Greensboro to Goldsboro, about one mile from the campus, contains one hundred and three acres, most of which is under cultivation. Here is a

two-story brick dormitory for farm project boys, with conveniently located barns, implement shed, poultry plant, etc.

This farm is equipped with the modern implements necessary for successful farming under North Carolina conditions. It is an ideal farm in size, because it gives an opportunity for instruction and practice in handling small farms on an intensive basis, the type of farming that will inevitably be followed in this country in the near future.

ONE YEAR COURSE IN APPLIED AGRICULTURE

This course runs one full school year and one summer, and is designed to meet the special needs of unclassified students who desire a practical training in general farming, with special training and practice along the lines of poultry production, gardening and field crop production. The only entrance requirement is that the applicant must be at least sixteen years of age and one whose physical and moral status will permit him to enter the institution. The course aims primarily to increase one's earning capacity on the farm and is not preparatory to any course.

Training Objective: General Farming

POULTRY (Major)

	Periods per week
Poultry Project Study	5-one hr.
Poultry Project Work	5-two hr.
General Animal Production	3-two hr.
Crop Production	2-two hr.
Farm Machinery and Shop Work	2-two hr.
Farm Accounts and Management	3-one hr.

GARDENING (Major)

Garden Project Study	5-one hr.
Gardening Project Work	5-two hr.
General Animal Production	3-two hr.
Crop Production	2-two hr.
Farm Machinery and Shop Work	2-two hr.
Farm Accounts and Management	3-one hr.

FIELD CROPS (Major)

	Periods per week
Field Crop Class Work	5-one hr.
Field Crop Project Work	5-two hr.
General Animal Production	3-two hr.
Crop Production	2-two hr.
Farm Machinery and Shop Work	2-two hr.
Farm Accounts and Management	3-one hr.

HIGH SCHOOL COURSE IN AGRICULTURE

These courses all run through the year and are given on a seasonal sequence basis. This will enable trainees to enter at any season of the year and take up the work at the season without serious handicap.

As will be observed, the major work of any trainee will consist of approximately 47% of his total time. One hour per day will be devoted to class study and discussion, and two hours per day will be devoted to practical laboratory or project work. The work to be given during any season will be outlined by the instructor in charge and will cover all important operations during said season.

The work in general animal production will be designed to give the trainee a general working knowledge in the field of animal production with emphasis placed upon pork production. Some attention will also be given to bee culture.

The course in crop production is designed to give a general knowledge of this phase of agriculture, with emphasis placed upon small grain and gardening.

The course in farm machinery and shop work will be designed to familiarize the trainee with the use of ordinary farm machinery and farm shop practice necessary to be done on an average farm.

The course in farm accounts and farm management will aim not only to familiarize the trainee with methods of keeping farm records and develop managerial ability, but to give the necessary instruction in farm arithmetic and practical English to enable the trainee to keep records and transact ordinary farm business. Thus it will become largely a course in applied English and mathematics.

HIGH SCHOOL COURSE IN AGRICULTURE

This is a standard high school course so arranged as to give four units in vocational agriculture which will be accepted as college entrance units. The vocational work is based upon the project plan of instruction and aims to prepare the student to return to the farms with an increased earning capacity and a deeper appreciation of the great opportunities of rural life. Students who desire and are able to continue their education after finishing this course, will find it possible to enter any of the standard colleges for a degree course.

The plan of the work of this course is so correlated with the plans of the vocational schools of the state that the students from those schools may enter this institution without unnecessary duplication of work.

OUTLINE OF COURSES

FIRST YEAR

Subject	Times per week
English	5
Mathematics (Algebra)	5
History (American History and Civics)	5
*Vocational Agriculture I	5

SECOND YEAR

English	5
Mathematics (Plane Geometry)	5
History (English and European)	5
*Vocational Agriculture II	

THIRD YEAR

English	5
Mathematics (Solid Geometry)	3
Physics	5
Language (Latin preferred)	5
*Vocational Agriculture III	5

FOURTH YEAR

English	5
Language (Same as 3rd year)	5
Chemistry	5
*Vocational Agriculture IV	5

*The periods for vocational agriculture are one hundred minutes in length.

** DESCRIPTION OF COURSES

VOCATIONAL AGRICULTURE I (Plant Production) :

A study of the economic plants, their structure and activities; and the distribution of the field plants commonly grown in North Carolina. Each student taking the course will be required to conduct a crop project, in the conduct of which special attention will be given to farm shop practice, farm implements, crop succession, the cultural methods intended to increase production and cost accounting.

VOCATIONAL AGRICULTURE II (Animal Production) :

A general study of practical animal production with special reference to North Carolina conditions. Special attention will be given to the problem of selection, feeding, management and marketing. Supervised practice work will be required, and students are encouraged to conduct ownership projects.

VOCATIONAL AGRICULTURE III (Horticulture) :

A practical study of the elementary principles of home and commercial gardening and fruit growing, with special emphasis on North Carolina conditions. Attention will be given to cultural methods, propagation and pest control. Each student taking this course will be required to conduct a horticultural project. Special attention will be given to problems of marketing the products.

VOCATIONAL AGRICULTURE IV (Dairying and Poultry Production) :

In this course the students have an opportunity to study the fundamental principles of practical dairying and poultry production. Supervised practice work will be required, and students are encouraged to conduct ownership projects.

FOUR YEAR COLLEGE COURSE IN AGRICULTURE

This course leads to the B. S. degree in Agriculture. The entrance requirements are the same as given on page 13 of this catalog. It will be to the advantage of students desiring to

**The non-vocational courses are the same as described on pages 75-96 of this catalogue.

take this course to be able to offer as many high school units in agriculture as possible.

REQUIREMENTS FOR GRADUATION

The successful completion of the prescribed course of study of 140 semester credits or 210 term credits is required. In addition, the student must have a thorough, practical knowledge of farm activities and of rural life conditions before receiving his degree. Students who have not had this experience before entering the course will be given an opportunity to get it during the college career.

THE AIM

This course aims to give the scientific, or technical training (based on a practical knowledge of farm activities) that will enable those completing it to hold positions of trust as owners and conductors of farms, teachers of agriculture, extension workers. Aside from the instruction in technical agriculture, the course gives a broad training in the sciences related to agriculture, the liberal and professional subjects.

All students in this division will take the same courses through the Sophomore year. At the beginning of the Junior year, students may select, with the approval of the Director and the head of the division concerned, any group of electives offered, which group must be followed through the Junior and Senior years.

The winter term of the Senior year is to be spent on the field in placement training, or as an apprentice.

OUTLINE OF COURSES

FRESHMAN

Fall Term:

- Agronomy I. (Field Crops).
- Botany I. (General).
- Chemistry I. (Inorganic).
- *English I. (Composition).
- Farm Mathematics.
- History of Agriculture.
- Military Science.

*Same as described on page 79 of this catalogue.

Winter Term:

Animal Husbandry I. (Types and Breeds).
 Chemistry II. (Inorganic, continued).
 *English II. (Composition, continued).
 Rural Engineering I. (Farm surveying and drainage).
 Veterinary Science I. (Animal Anatomy and Physiology).
 Military Science.

Spring Term:

Botany II. (General Botany).
 Chemistry III. Analysis.
 *English III. Rhetoric.
 Hort. I. (Vegetable Gardening).
 Rural Engineering II. (Farm Machinery).
 Military Science.

SOPHOMORE

Fall Term:

Chemistry IV. (Agriculture Organic).
 *English IV. (Principles of Public Speaking).
 Geology (Agricultural).
 Rural Engineering III. (Farm Structures).
 Zoology I. (General).
 Military Science.

Winter Term:

Animal Husbandry (Animal Nutrition).
 Economics I. (Principles).
 *English V. (Argumentation and Debates).
 Horticulture II. (Landscape Gardening and General Management).
 Human Behavior.

Spring Term:

Agronomy II. (Soil Management).
 Agronomy III. (Forage Crops).
 Economic Entomology.
 *English VI. (Rural Journalism).
 Veterinary Science II. (Diseases of Farm Animals).

JUNIOR

Fall Term:

Agronomy IV. (Soil Fertility).
Agronomy V. (Seed Testing).
Animal Hus. III. (Poultry Production).
Bacteriology I. (General).
Elective (Free).

Winter Term:

Animal Hus. IV. (Dairying).
Bacteriology II. (Agricultural).
Economics II. (Farm Management).
Elective (Free).
Elective (Approved).

Spring Term:

Economics III. (Marketing).
Genetics (Agricultural).
Horticulture III. (Principles of Fruit Growing).
Elective (Free).
Elective (Approved).

SENIOR

Fall Term:

Agronomy VI. (Crop Diseases).
Agronomy VII. (Crop Distribution).
Animal Hus. V. (Stock Judging and Management).
Elective (Free).
Elective (Approved).

Winter Term:

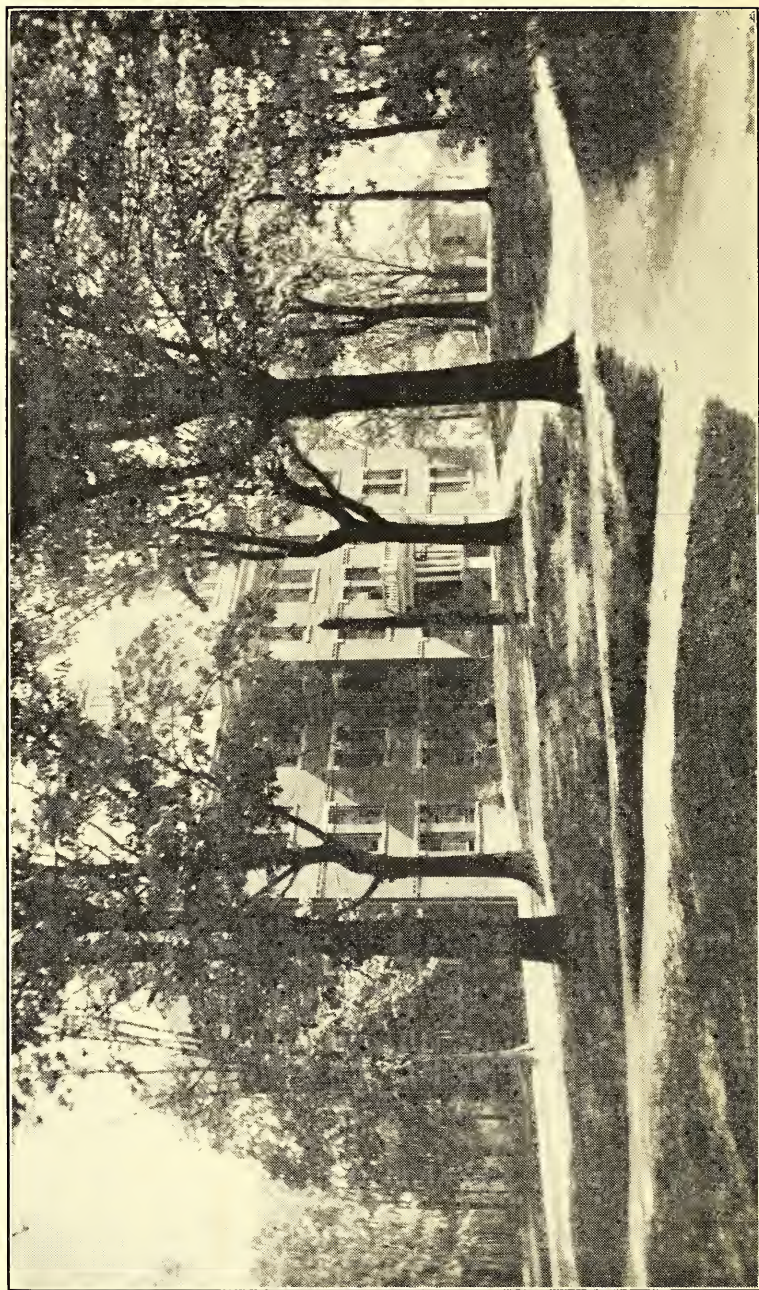
Elective (Approved) Placement Training.

Spring Term:

Rural Education III. Rural Sociology and Leadership.
Seminar (Agricultural).
Sources of Agricultural Information.
Elective (Approved).



MORRISON HALL



NORTH DORMITORY

***AGRICULTURAL ELECTIVES**

GROUP I

Animal Industry

Animal Hus. VI (Advanced Poultry Hus.)

Animal Hus. VII. (Pork Production).

Animal Hus. VIII. (Animal Breeding).

Animal Hus. IX. (Dairy Herd Management).

Animal Hus. X. (Advanced Feeding).

Commercial Bee-keeping.

Veterinary Science III (Farm Sanitation and Communicable Diseases).

Veterinary Science IV. (Obstetrics).

GROUP II

Plant Industry

Agronomy VIII. (Plant Breeding).

Agronomy IX. (Advanced Plant Diseases).

Agronomy X. (Special Crops).

Botany III. (Taxonomy of Seed Plants).

Botany IV. (Plant Physiology).

Chemistry V. (Advanced Agricultural Chemistry).

Hort. IV. (Commercial Truck Growing).

Hort. V. (Advanced Fruit Growing).

GROUP III

Rural Leadership

Rural Education I (Vocational Guidance).

Rural Education II (Educational Psychology).

**Rural Education III. (Rural Sociology and Leadership).

Rural Education IV. (Principles of Secondary Education).

Rural Education V. (Rural School Administration).

Rural Education VI. (Vocational Education).

Rural Education VII. (Teaching Voc. Agr'l.)

Rural Education VIII. (Extension Service Methods).

Rural Education IX. (Educational Measurements).

*Students may select their major work from any one of the following groups during their Junior and Senior years.

**Required of all groups.

**DISTRIBUTION OF SUBJECT MATTER FOR STUDENTS MAJOR-
ING IN RURAL LEADERSHIP**

AGRICULTURAL SUBJECTS

	Semester Credits
Agricultural Electives	7
Agricultural Seminar	1
Animal Nutrition	3
Crop Disease	3
Crop Distribution	2
Dairying	2
Farm Surveying	2
Farm Machinery	2
Farm Structures	2
Farm Management	2
Field Crops	3
Forage Crops	2
Fruit Growing	2
Greenhouse Management and Landscape Gardening	3
Marketing	2
Poultry Production	2
Seed Testing	2
Soil Management	3
Soils and Fertilizers	3
Stock Judging and Management	2
Types and Breeds	3
Vegetable Gardening	2
Veterinary Science	6
Total	61
Or	44%

SCIENCE SUBJECTS

Bacteriology	6
Botany	6
Chemistry	9
Entomology	3
Genetics	3

	Semester Credits
Geology	2
Zoology	3
	<hr/>
Total	32
Or	23%

HUMANISTIC SUBJECTS

Economics	2
English	12
History	1
Human Behavior	2
Mathematics	1
Rural Leadership and Sociology	3
Sources of Agricultural Information (Agricultural Literature)	2
Electives	3
	<hr/>
Total	26
Or	18%

PROFESSIONAL SUBJECTS

Educational Psychology	3
Teaching Voc. Agriculture	3
Teaching Voc. A. (Apprentice)	8
Vocational Education	3
Electives	4
	<hr/>
Total	21
Or	15%

DESCRIPTION OF COURSES

The method of instruction used and also the relative number of recitations and laboratory periods will be determined by the nature of the subject and the conditions under which it is to be given.

AGRONOMY I. (Field Crops).—Freshman year, fall term, five hours per week, (four and a half term credits, or three semester credits).

A general course dealing with the fundamental principles of crop production and soil management. The matters of

adaptability, distribution and use of the various field crops as well as seed selection, preparation of seed bed and other important factors affecting the development of field crops will be carefully considered.

AGRONOMY II. (Soil Management).—Sophomore year, spring term, five hours per week, (four and a half term credits or three semester credits).

An advanced study of crop rotation, including a study of the origin of soil materials and methods of cultivation best adapted to restore depleted soils. The maintenance of soil fertility and the establishment of a system of permanent agriculture. A careful study of the effects of tillage and cropping on moisture and plant food.

AGRONOMY III. (Forage Crops).—Sophomore year, spring term, three hours per week, (three term credits or two semester credits).

A study of the production, preservation and utilization of the perennial grasses, legumes and other forage crops and factors affecting their value for hay, pasture, silage, etc.

AGRONOMY IV. (Soil Fertility).—Junior year, fall term, five hours per week, (four and a half term credits or three semester credits).

An advanced study of the influence of fertility of the soil upon crops yield; effects of different crop rotations and methods of cultivation on the immediate crop producing power of the soil and the ultimate effect of different systems of farming upon soil fertility; the fertility of soils of different types or classes from various sections of the State of North Carolina; principles and methods of maintaining a permanent system of agriculture.

AGRONOMY V. (Seed Testing).—Junior year, fall term, three hours per week, (three term credits or two semester credits).

A study of the characters which lead to the identification of crop seed and the common weeds of the farm and garden; and the making of purity and germination tests of farm and garden seed.

AGRONOMY VI. (Crop Diseases).—Senior year, fall term, five hours per week, (four and a half term credits or three semester credits).

An introductory study of the diseases affecting field, garden and orchard plants in the southern states. Materials representing the principal orders having parasitic fungi will be studied in detail.

AGRONOMY VII. (Crop Distribution).—Senior year, fall term, three hours per week, (three term credits or two semester credits).

A study of the relation of economic plants to their environment, including a brief review of the ecological factors, the origin, development, structure and successions of formations.

AGRONOMY VIII. (Plant Breeding).—Elective, three hours per week (three term credits or two semester credits). Prerequisites: Botany I and II.

A study of cereal plants with reference to the inheritance of their unit characters. A consideration of the Mendelian ratios. Experimental methods in the field, record keeping, etc.

AGRONOMY IX. (Advanced Plant Diseases).—Elective, five hours per week, (four and a half term credits or three semester credits). Prerequisites: Bacteriology I, Agronomy VI.

A study of selected types of parasitic and non-parasitic diseases of garden vegetables, with special emphasis on the troubles of potatoes, tomatoes and other common crops of the home and commercial garden.

AGRONOMY X. (Special Crops).—Elective, five hours per week, (four and a half term credits or three semester credits.)

The distribution, climatic and soil requirements, production and relative importance of special crops in which the student is especially interested.

ANIMAL HUSBANDRY I. (Types and Breeds).—Freshman, year, winter term, five hours per week, (four and a half term credits or three semester credits).

A study of conformation, quality and desirable characteristics in live stock commonly produced in North Carolina and the types and breed characters of the various types and breeds of horses, cattle, sheep and swine, with a comparative study of their merits.

ANIMAL HUSBANDRY II (Animal Nutrition).—Sophomore year, winter term, five hours per week, (four and a half term credits or three semester credits).

This subject involves a study of the fundamental principles of livestock feeding, including the composition and digestibility of feed stuffs, the disposition made of the different feed constituents by the animal organism, and the methods of calculating rations for the various classes of farm animals.

ANIMAL HUSBANDRY III (Poultry Production).—Junior year, fall term, three hours per week, (three term credits or two semester credits).

An advanced course in general poultry production, including studies in culling, judging, breeding, feeding, incubation, brooding; and grading, packing and marketing the products.

ANIMAL HUSBANDRY IV. (Dairying).—Junior year, winter term, three hours per week, (three term credits or two semester credits).

An advanced course in general dairying, including the care, feeding and breeding of dairy stock, composition, separating and handling of milk, milk testing, cream ripening and the manufacturing of dairy products.

ANIMAL HUSBANDRY V. (Stock Judging and Management).—Senior year, fall term, three hours per week, (three term credits or two semester credits).

This course aims to enable the student to become a competent judge and manager of live stock. Occasional trips will be made to some of the best live stock farms of the state in order to give the student an opportunity to judge and observe the management of herds as handled by experienced stockmen.

ANIMAL HUSBANDRY VI. (Advanced Poultry Husbandry).—Elective, three hours per week, (three term credits or two semester credits). Prerequisites: Animal Husbandry III.

An advanced study of scientific culling and selection for egg and show qualities, standard judging, pedigree breeding, diseases, caponizing, fattening, killing, packing, etc.

ANIMAL HUSBANDRY VII. (Pork Production).—Elective, five hours per week, (four and a half term credits or three semester credits).

A study of the economical methods of growing and finishing swine both for breeding and marketing purposes; practice will be given in selecting, breeding, feeding, housing, butchering and handling the products.

ANIMAL HUSBANDRY VIII. (Animal Breeding).—Elective, three hours per week, (three term credits or two semester credits). Prerequisites: Veterinary Science I, Animal Husbandry I and Genetics.

A study of the physiology of reproduction, heredity, variation, selection and systems of mating as applied to the improvement of domestic animals; influence of pedigrees and herd book standards; special attention will be given to the problems of improving farm animals generally found in North Carolina.

ANIMAL HUSBANDRY IX. (Dairying Herd Management).—

Elective, three hours per week, (three term credits or two semester credits). Prerequisites: Animal Husbandry II and IV. An advanced course in the feeding and management of dairy herds. It includes a study of pedigree, handling test cows, advanced registration, fitting animals for shows and sales, advanced judging of dairy cattle, and other subjects pertaining to the successful management of dairy herds.

ANIMAL HUSBANDRY X. (Advanced Feeding).—Elective, five hours per week, (four and a half term credits or three semester credits). Prerequisites: Chemistry IV, Veterinary Science I and Animal Husbandry II.

This is an advanced course in feeding live stock under farm conditions; efficiency and economy in growing and fattening meat animals; feeding draft horses and colts. A consideration of experimental work in feeding practices and a study of the results obtained in the investigations of these problems.

BACTERIOLOGY I. (General).—Junior year, fall term, five hours per week, (four and a half term credits or three semester credits).

A study of bacteriological methods, identification, morphology, physiology, disinfection; bacteria in relation to disease, home sanitation and agriculture.

BACTERIOLOGY II. (Agricultural).—Junior year, winter term, five hours per week, (four and a half term credits or three semester credits).

A study of the physiological process of bacteria and moulds which have to do with the manufacture of the various dairy products. Methods of handling and preserving milk, butter and cheese from a bacteriological standpoint. A systematic study of the micro-organisms which inhabit the soil, their physiological processes, ammonification, nitrification, denitrification, cellulose fermentation, etc.

BOTANY I. (General).—Freshman year, fall term, five hours per week, (four and a half term credits or three semester credits).

A study of the structure, development and functions of seed plants and ferns. Reproductive process and the principles underlying plant breeding, selection and the development of new forms will be carefully considered. Economically important plant forms grown in the State of North Carolina will be used as frequently as possible.

BOTANY II. (General).—Freshman year, spring term, five hours per week, (four and a half term credits or three semester credits).

A study of the structure, behavior and evolutionary relation of the important groups of spore bearing plants. Special attention is given to the types of economic fungi which are responsible for plant diseases in the southern states.

BOTANY III. (Taxonomy of Seed Plants).—Elective, three hours per week, (three term credits or two semester credits).

Prerequisites: Botany I and II.

A study of the principles of classification with special attention to the more important groups which furnish our weed

flora. Local flora is studied in the field and an opportunity is given for the collection and preservation of material for private or school herbaria.

BOTANY IV. (Plant Physiology).—Elective, five hours per week, (four and a half term credits or three semester credits). Prerequisites: Botany I and II, Chemistry I.

An introduction to the physiological processes of plants, plant physics, chemistry and growth.

CHEMISTRY I. (Inorganic.)—Freshman year, fall term, four hours per week, (three credits or two semester credits).

A course dealing with the fundamental principles of the science as developed from the experimental standpoint in the laboratory, the student being required to obtain working knowledge of chemical equations, skill in the use of apparatus and develop the ability to draw correct conclusions from observed facts.

CHEMISTRY II. (Inorganic, continued).—Freshman year, winter term, four hours per week, (three term credits or two semester credits).

A continuation of the study of general chemistry to include the common metals and acids.

CHEMISTRY III. (Analysis).—Freshman year, spring term, four hours per week, (three term credits or two semester credits).

A brief study of the methods and fundamental principles of analytic chemistry. Emphasis will be made upon the matter of accuracy, care and integrity in the laboratory work.

CHEMISTRY IV. (Agricultural Organic).—Sophomore year, fall term, five hours per week, (four and a half term credits or three semester credits).

A brief study of the compound of carbon most frequently met in agriculture. Lectures to be supplemented with the laboratory preparation of the compound studied.

CHEMISTRY V. (Advanced Agr'l. Chemistry).—Elective, five hours per week, (four and a half term credits or three semester credits). Prerequisites: Chemistry I and IV.

A course planned to give the student practice in the ap-

proved methods of analysis of such substances as soil, fertilizers, feed stuff, milk and wine. Collateral reading from publications of the United States Department of Agriculture and various State Experiment Stations will be required; the object being to make the student familiar with the most recent researches and the ones concerning agricultural chemical methods.

COMMERCIAL BEE-KEEPING.—Elective, three hours per week, (three term credits or two semester credits).

A course in practical bee-keeping with laboratory work in fall, winter and spring management. A study will be made of the regional differences in management, the production of comb and extracted honey, disease and pest control, queen rearing, swarm control, the native flora, etc.

ECONOMICS I. (Principles).—Sophomore year, winter term, three hours per week, (three term credits or two semester credits).

A study of the customary topics given an elementary course in economics.

ECONOMICS II. (Farm Management).—Junior year, winter term, three hours per week, (three term credits or two semester credits).

A study of farming as a business; types of farming; farm layouts; labor problems; forms of tenure and leases; farm credits; the choice of a farm; starting in the business of farming, etc.

ECONOMICS III. (Marketing).—Junior year, spring term, three hours per week, (three term credits or two semester credits).

A study of the world's sources of food and raw materials and the conditions under which each is produced and consumed. The marketing and great markets for the products of both the plant and animal industries. The function of middlemen and institutions; transportation, storage, speculation, weaknesses of present system; co-operative marketing among farmers, etc.

ECONOMIC ENTOMOLOGY.—Sophomore year, spring term, three hours per week, (four and a half term credits or three semester credits).

The identification, life history, habits and methods of controlling insects of economic importance to the farm and home.

FARM MATHEMATICS.—Freshman year, fall term, two hours per week, (one and one-half term credits or one semester credit).

A general review of the principles of arithmetic, algebra and geometry, with special applications to problems of the farm and shop.

GENETICS (Agricultural).—Junior year, spring term, five hours per week, (four and a half term credits or three semester credits).

A general review of the principles of arithmetic, algebra and geometry, with special applications to problems of the farm and shop.

GENETICS (Agricultural).—Junior year, spring term, five hours per week, (four and a half term credits or three semester credits).

A general study of the laws of heredity, environment and variation, and their relation to the theories underlying successful breeding.

GEOLOGY (Agricultural).—Sophomore year, fall term, three hours per week, (three term credits or two semester credits).

A study of some of the important forces that have been instrumental in bringing the earth, especially its surface, into its present condition. The common rock-forming minerals, the various groups of rocks, effects of various agencies in these rocks, and the character of the soils derived from their decay.

HISTORY OF AGRICULTURE.—Freshman year, fall term, two hours per week, (one and a half term credits or one semester credit).

A brief study of the more important facts of the history of agriculture in the United States, with a view of giving the student a deeper appreciation and a broader background for subsequent courses.

HORTICULTURE I. (Vegetable Gardening).—Freshman year, spring term, three hours per week, (three term credits or two semester credits).

A study of methods of culture in a successful home and commercial garden, with particular emphasis on southern conditions. Construction and management of hot beds and cold frames.

HORTICULTURE II. (Landscape Gardening and Greenhouse Management).—Sophomore year, winter term, five hours per week, (four and a half term credits or three semester credits).

A study of the care and culture of greenhouse plants. Mixing and preparing of soils; potting, forging and transplanting of plants. A study of the general principles of landscape gardening, including kinds and types of natural formations and those modified by planting and culture, and the adaptability of each to local conditions. The planting and care of the home and school grounds, making use of natural materials.

HORTICULTURE III. (Principles of Fruit Growing).—Junior year, spring term, three hours per week, (three term credits or two semester credits).

A study of the principles of fruit growing with special reference to North Carolina conditions, including location of sites, varieties, soil types, fertilizer, planting, cultural methods and implements; pruning, spraying, harvesting, stowing, etc.

HORTICULTURE IV. (Commercial Truck Growing).—Elective, three hours per week, (three term credits or two semester credits).

Study of the methods of truck gardening as practiced in truck gardening centers; the relation of characters of soil to crops; labor supply, market facilities, etc., essential for success.

HORTICULTURE V. (Advanced Fruit Growing).—Elective, three hours per week, (three term credits or two semester credits). Prerequisites: Horticulture III and Chemistry I.

A course dealing with the special problems of various tree fruits. Included are such studies as climatic range and limit, factors determining quality, statistics of production, spraying and pruning tests, fruits in storage, marketing problems, etc.

HUMAN BEHAVIOR.—Sophomore year, winter term, three hours per week, (three term credits or two semester credits).

A foundation study of the biological, psychological and sociological basis of human behavior. Special attention will be given to the evolution of the nervous system and the principal types of behavior.

RURAL EDUCATION I. (Vocational Guidance).—Elective, three hours per week, (three term credits or two semester credits).

A consideration of the problems of becoming a successful adviser of youth. Special attention will be given to the study of young people and their circumstances; occupational opportunities; the choice and preparation for an occupation.

*RURAL EDUCATION II. (Educational Psychology).—Elective, five hours per week, (four and a half term credits or three semester credits). Prerequisite: Human Behavior.

The native equipment of man which serves as a basis of education; the law of learning; the transfer of knowledge; individual difference, mental hygiene and mental efficiency.

RURAL EDUCATION III. (Rural Sociology and Leadership).—

Senior year, spring term, five hours per week, (four and a half term credits or three semester credits).

A study of the social conditions in rural communities, and their improvement. Some definite social problems of the Negro of North Carolina and the South will be studied, such as the land problems, drift to the cities, co-operation, the rural school, the rural church, rural health and sanitation, recreation, the rural home, etc. Special attention will also be given to the qualities of leadership and the methods and principles involved in the discovery and enlistment of leadership in community affairs.

RURAL EDUCATION IV. (Principles of Secondary Education).

—Elective, three hours per week, (three term credits or two semester credits).

A study of the factors and principles involved in a constructive theory of secondary education. Special attention

*Required of students majoring in Rural Leadership.

will be given to the problems of adjusting the processes of education in terms of new social, industrial and civic demands.

RURAL EDUCATION V. (Rural School Administration).—Elective, three hours per week, (three term credits or two semester credits).

A study of the principles that govern the organization and administration of secondary education with special reference to the rural situation. Attention will be given to such problems as functions of the various units of school control, the tenure, of teachers, sources of school funds, methods of distributing them, state regulations, budget making, adapting the school to needs of the community, etc.

***RURAL EDUCATION VI. (Vocational Education).**—Elective, five hours per week, (four and a half term credits or three semester credits).

A study of the theory of vocational education. Attention will be given to such general topics as the meaning of vocation; the purpose and function of education; social demands for vocational schools; content and method in vocational education; types of vocational schools; and the agencies to promote vocational education.

***RURAL EDUCATION VII. (Teaching Vocational Agriculture).**—Elective, five hours per week, (four and a half term credits or three semester credits). Prerequisite: Rural Education II.

A study of the problems confronting the teacher of agriculture. Such problems as: making community surveys; making provision for project and supervised practice work; project supervision and project records; equipment and material for vocational agricultural classes; making annual plans and program of work; organizing and conducting short unit, part time and evening classes; the relation of the teacher to the community, school system and other educational agencies; and conducting farm shop practices.

RURAL EDUCATION VIII. (Extension Service Methods).—Elective, three hours per week, (three term credits or two semester credits).

*Required of students majoring in Rural Leadership.

A study of the development of the agricultural extension service in the United States with special reference to the status of this service among the Negroes in the Southern States; also a study of the rules, regulations and special methods relative to this work in North Carolina.

RURAL EDUCATION IX. (Educational Measurements).—Elective, three hours per week, (three term credits or two semester credits).

The aim of this course is to give a working knowledge of the principles of mental measurements and an appreciation of the significance of this movement in education; a study will be made of the scales for the measurements of general intelligence and previous training, with special reference to scales and standards for rural schools. A study will also be made of the rural school survey work conducted by the State Department.

RURAL ENGINEERING I. (Farm Surveying and Drainage).—Freshman year, winter term, three hours per week, (three term credits or two semester credits).

Theory and practice of land surveying, terracing and drainage; farm water supply, sewage, etc.

RURAL ENGINEERING II. (Farm Machinery).—Freshman year, spring term, three hours per week, (three term credits or two semester credits).

Operation, adjustment and repair of farm machinery. The care and operation of stationary engines, boilers and tractors will be included in this course.

RURAL ENGINEERING III. (Farm Structures).—Sophomore year, fall term, three hours per week, (three term credits or two semester credits).

The use of tools and material in the farm shop; requirements, details of arrangements and materials of construction for barns, storage, etc., for the farm. Attention will be given to specifications, bills of material and estimate costs.

SEMINAR (Agricultural).—Senior year, spring term, two hours per week (one and a half term credits or one semester credit).

This course will provide opportunity for the Senior students to meet with the agricultural faculty once a week and review current agricultural literature. Special subjects will be assigned each student which will give him an opportunity to become acquainted with government and state experiment station publications dealing with the subject matter of his major course.

SOURCES OF AGRICULTURAL INFORMATION.—Senior year, spring term, three hours per week, (three term credits or two semester credits).

This course aims to teach the student how to use the college library and other libraries as complimentary to class room and laboratory work; to direct him to books, papers and other essential sources of agricultural information; and to show him the best use of dictionaries, encyclopedias, handbooks of general information, special reference books and public documents.

VETERINARY SCIENCE I. (Animal Anatomy and Physiology).—

Freshman year, winter term, five hours per week, (four and a half term credits or three semester credits).

A study of the anatomical and physiological structure of the horse, ox, pig, sheep and chicken. The digestive, respiratory and genito-urinary organs will be studied in detail.

VETERINARY SCIENCE II. (Disease of Farm Animals).—Sophomore year, spring term, five hours per week, (four and a half term credits or three semester credits).

A study of the more common diseases of farm animals; their prevention and treatment; common unsoundness of the horse and pathological shoeing.

VETERINARY SCIENCE III. (Farm Sanitation and Communicable Diseases).—Elective, five hours per week, (four and a half term credits or three semester credits). Prerequisites: Bacteriology I.

A general consideration of the causes of diseases and their manner of spread; disinfectants and their application; general hygiene and stable sanitation; including drainage and the selection of sites.



TOP: CHAMPION HIGH SCHOOL DEBATING TEAMS OF NORTH
CAROLINA, WINNERS OF THE DUDLEY CUP
BOTTOM: COLLEGE DEBATING TEAMS



GLEE CLUB

VETERINARY SCIENCE IV. (Obstetrics).—Elective, three hours per week, (three semester credits or two semester credits). Prerequisite: Veterinary Science I.

Anatomy and physiology of the genital organs of the male and female, ovulation, oestrus, fecundation, gestation, sterility, hygiene of pregnant and care of new-born animals.

ZOOLOGY I. (General).—Sophomore year, fall term, five hours per week, (four and a half term credits or three semester credits).

A study of the structures, functions, relations and evolution of types of invertebrates and vertebrates.

DEPARTMENT OF MECHANIC ARTS

BUILDINGS AND EQUIPMENT

The Mechanics Arts Department is located in five buildings. The main building of this group is a two-story brick structure with basement. On the first floor are located the shoe shop, carpenter shop, machine shop, and tailor shop. The second floor contains the drawing and recitation rooms, the photographer's studio, and the department office. In the basement are located the brick shop, the lighting and plumbing shop, and the machine woodworking shop.

Separate buildings house each of the following industries: blacksmithing, broommaking, and auto mechanics.

A central heating plant has been built which furnishes students an opportunity to study the operation of the most modern steam and power plant. This plant is housed in a new brick building in which is also located the college laundry.

The Department Library carries a good line of current periodicals and reference books which are available to students in this department.

Drawing Room equipment consists of tables and drawing boards. Students must provide themselves with all other requisites. A number of these can be purchased from the college at cost.

The equipment of the different shops in the department is good. In a number of the shops additions will be made

before the opening of the fall term. These shops will then be well equipped for efficient instruction and production.

COURSES

The courses offered by the Mechanical Department have been revised with the aim of arranging courses of collegiate grade foremost in mind. Courses offered are as follows: Building Construction, Automotive Engineering, and Power Plant Management. Students above high school rating may take other courses, but no degree will be conferred upon the completion of such courses.

CURRICULUM OF DEGREE COURSES OFFERED BY MECHANIC ARTS DEPARTMENT

AUTOMOTIVE ENGINEERING

Freshman

SUBJECT	Periods per Week		
	FALL	WINTER	SPRING
English	5	5	5
Mathematics	5	5	5
Physics	3	3	3
Language, Foreign	4	4	4
Mechanical Drawing	9	9	9

Sophomore

English	5	5	5
Psychology	4	4	4
Analytical Mechanics	3	3	3
Chemistry	8	8	8
Elements of Electricity	3	3	3
Mechanical Drawing	6	6	6
Forging	0	3	3

Junior

Economics	3	3	3
Strength of Materials	3	3	0
Mechanisms	0	0	3
Theory of Fuels	3	0	0
Internal Combustion Engines	0	3	3

SUBJECT	Periods per Week		
	FALL	WINTER	SPRING
Direct Current Apparatus	5	0	0
Direct and Alt. Current Apparatus ..	0	5	0
Machine Shop Practice	9	9	0
Auto Mechanics Laboratory	0	0	12
Trade Analysis	3	0	0
Educational Psychology	0	3	0
Organization	0	0	3
Power Measurements, Electrical	0	0	3

Senior

Mechanics of Materials	0	3	0
Heating and Ventilation	3	0	0
Estimates and Specifications	0	0	3
Automotive Construction and Oper. ..	3	3	0
Automotive Design	0	3	3
Principles of Management	0	3	3
Mechanism	3	0	0
Industrial Education	3	3	3
Auto Mechanics Laboratory	12	12	12

BUILDING CONSTRUCTION

Freshman

Same as for Automotive Engineering.

Sophomore

Same as for Automotive Engineering.

Junior

SUBJECT	FALL	WINTER	SPRING
Economics	3	3	3
Strength of Materials	3	3	0
Lighting and Wiring	0	0	3
Architectural Drawing	6	6	6
Bricklaying	9	9	0
Lighting and Plumbing	0	0	9
Trade Analysis	3	0	0
Educational Psychology	0	3	0
Organization	0	0	3

Senior

SUBJECT	Periods per Week		
	FALL	WINTER	SPRING
Building Sanitation	3	0	0
Contracts	0	3	0
Elementary Surveying	0	0	3
Heating and Ventilation	3	3	0
Estimates and Specifications	0	0	3
Carpentry	9	9	9
Architectural Drawing	6	6	6
Industrial Education	3	3	3

POWER PLANT MANAGEMENT

Freshman

Same as for Automotive Engineering.

Sophomore

Same as for Automotive Engineering.

Junior

Economics	3	3	3
Strength of Materials	3	3	0
Mechanism	0	0	3
Hydraulics	3	3	0
Internal Combustion Engines	0	0	3
Machine Shop Practice	15	15	15
Trade Analysis	3	0	0
Educational Psychology	0	3	0
Organization	0	3	0

Senior

Power Plants	3	3	3
External Combustion Engines	3	0	0
Steam Power Measurements	0	3	0
Electric Power Measurements	0	0	3
Direct Current Apparatus	5	0	0
Direct and Alternating Current Apt.	0	5	0
Lighting and Wiring	0	0	3
Machine Shop Practice	12	12	12
Industrial Education	3	3	3

DESCRIPTION OF COURSES

Contracts:—Engineering relations, the law of contracts, buildings and technical clauses used in specifications.

Architectural Drawing:—Lettering, elements of architecture, rendered order and sketch problem, original design.

Mechanical Drawing:—Lettering, projection, machine sketching, working drawings, plates, tracings, blue printing.

Elements of Electricity:—Fundamentals of electric power transmission, and the utilization of alternating and direct current machinery.

Alternating Current Apparatus:—Generators and motors, transformer, distribution systems.

Direct Current Apparatus:—Generators, motors, distribution circuits, storage batteries.

External Combustion Engines:—Study of engines in which combustion takes place outside of cylinder.

Internal Combustion Engines:—Study of engines in which combustion take place within the engine itself.

Estimates and Specifications:—General and special clauses; practice in writing several sets; relations of the owner, architect, and builder.

Forging:—Brazing, welding, heat treatment of steel.

Fuels:—Fuel inspection, gas analysis, calorific values, efficiencies.

Heating and Ventilation:—Steam boilers and water heaters, direct and indirect heating, gravity systems, district heating, ventilation and air analysis, air conditioning.

Hydraulics:—Hydrostatics and the flow of liquids over weirs, through orifices, pipes and open channels are considered.

Lighting and Wiring:—Electric lamps and other illuminants, and their effective use; interior wiring; methods of distribution; fusing; Underwriters' rules.

Mathematics:—Two terms of college algebra, one of trigonometry.

Strength of Materials:—Elastic curves of beams, centroids and inertia of areas, reinforced concrete beams and columns, tests of materials.

Analytical Mechanics:—Force systems, equilibrium, centroids, and centers of gravity, friction, kinematics.

Mechanics of Materials:—Mechanics of materials, properties and requirements for materials of construction, specifications and standard tests.

Electric Power Measurements:—Experiments on motors and generators.

Steam Power Measurements:—Experiments on engines, pumps, boilers, injectors, heating apparatus, and refrigerating machines.

Power Plants:—Boilers and their accessories, power plant economics.

Building Sanitation:—Plumbing, water closets, drains and systems of water supply, sewage disposal.

Elementary Surveying:—Use and care of transit, level, compass, with accompanying appliances.

TRADE SCHOOL COURSES

In addition to the work of collegiate rank just outlined, the Department of Mechanic Arts offers the following trades, now mapped out on the Smith-Hughes basis: Auto mechanics, bricklaying, blacksmithing and wheelwrighting, broommaking, carpentry, cabinet making and upholstering, lighting and plumbing, machine shop practice, photography, shoe repairing, and tailoring.

The trade school provides unit trade courses for persons who desire successful employment in the vocation of their choice. It is on the Smith-Hughes plan and is designed to attract men and boys from the different parts of the state to engage in the study of trades. Its aim and purpose is to meet the problem of training men and boys in the practice and theory of the various trades and to prepare them to work

as mechanics. It is not intended that those who enter the trade school should become technical engineers or highly trained foremen, but sufficient technical training will be given to enable them to appreciate and carry out the intent and purpose of these courses. There may be those, however, who are specially adapted that will naturally aspire to foremanships.

ENTRANCE REQUIREMENTS

Boys who are between fourteen and twenty years of age and have completed the seventh grade of a grammar school, or its equivalent, will be admitted to any trade course for which they are adapted.

Boys over twenty-one years of age will be admitted to any trade course for which they are adapted. No educational qualifications will be required.

Tradesmen who desire advanced instruction in their trades or parts of their trades may take the same during their dull seasons when such courses may be arranged for them.

The trade school will be opened to boys who desire part time trade preparatory and part time trade extension courses.

The trade school will be opened for evening industrial school to tradesmen who wish to increase their vocational efficiency.

OUTLINE COURSES OF STUDY

The following is an outline of related and non-vocational subjects to be pursued by those who enter the trade school, providing they have had sufficient schooling to permit them to do so. Those whose educational qualifications are lower or higher than the suggested courses will be given studies to meet their needs.

The length of time required to complete a trades course will depend upon the kind of trade and the ability of the individual taking that trade.

Not less than one nor more than three years will be required to do a trade. The time, as stated above, depends upon its degree of difficulty and the ability of the student.

*First Year**Fall Term:*

SUBJECTS	TERM HOURS
Arithmetic (Related)	5
English	5
Community Civics	5
Shop work	20
Total	35

Winter Term:

Arithmetic (Related)	5
Beginners drafting (Elementary)	4
English	5
Community Civics	3
Shop Work	20
Total	37

Spring Term:

Mathematics (Related)	5
Beginners Drafting	2
English	5
American History	3
Shop Work	20
Total	35

*Second Year**Fall Term:*

Mechanical Drawing (Related)	2
Trade Theory	2
Mathematics (Related)	4
English	4
American History	3
Shop Work	20
Total	35

Winter Term:

Mechanical Drawing (Related)	2
Mathematics (Related)	4

SUBJECTS	TERM HOURS
Trade Theory	4
English	4
Social Science (Elementary)	3
Shop Work	20
	<hr/>
Total	35

*Second Year**Spring Term:*

Drawing, Mechanical	2
Algebra	4
Trade Theory	2
English	5
Social Science (Elementary)	4
Shop Work	20
	<hr/>
Total	37

*Third Year**Fall Term:*

Drawing, Mechanical	2
Algebra	4
Trade Theory	2
English	5
Physics	4
Bookkeeping	3
Shop Work	20
	<hr/>
Total	40

Winter Term:

Drawing	2
Geometry	4
Strength of Materials	2
English	4
Bookkeeping	3
Physics (Applied)	4
Shop Work	20
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Total	39

Spring Term:

English	4
Drawing	2
Geometry	3
Strength of Material	2
Chemistry (Applied)	3
Industrial History	4
Shop Work	20
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Total	38

A BRIEF DESCRIPTION OF COURSES**DRAFTING**

Students in all trades will be given beginners' drafting. The proper use of drafting instruments, freehand lettering and sketching will be taught. Students in each trade will be taught drawing as applied to their particular trades.

MATHEMATICS

The courses in mathematics are designed to meet the needs of all students. Those who have sufficient training in mathematics will be given instruction as it applies to the grade problems. Those who have had no training in arithmetic and those who have been out of school for some time will be given elementary arithmetic to determine their needs, and instruction will be given accordingly.

ENGLISH

The tradesman will be taught to analyse a subject and to otherwise express himself intelligently on matters pertaining to his trade, business and social career. The course includes the writing of business letters, sentence structure, punctuation and paragraphing. Attention will be given to the study and writing of simple contracts, proposals, bids and specifications.

APPLIED SCIENCE

The aim of this course is to give the student an elementary knowledge of the principles of physics and chemistry.

Applied Physics:—The tradesman will make a study of weights and measures, mechanical advantages of levers, brackets, wheels and axles, inclined planes, crowbars and out-

riggers as applied to scaffolds, pulleys, derricks, hoists, etc. Practical experiments will be made.

Applied Chemistry:—A study of chemistry as applied to the trades will include the properties of materials, such as woods, stones, cement, brick and plaster. Chemical properties of metals; effects of air, moisture, acid, etc., on tin, lead, copper and iron.

Strength of Materials:—Devices for testing the materials used in the different trades will be used. The study will include testing for strength of good and faulty timber, glues and glued joints with reference to various kinds of wood, cross and end grains and the effect of temperature and pressure in making glued joints. The holding power of screws and nails properly and improperly driven will be studied.

HISTORY AND CIVICS

The purpose of this course is to give the tradesmen some knowledge of his home town, state and country. Its prime object, however, is to make him intelligent on the laws and government, and his relation thereto, especially in his own community, with a view of making him a law abiding citizen; and that he may easily adjust himself to society and appreciate his responsibility to it.

TRADE HISTORY

In order that the tradesmen may better appreciate their trades brief lectures of the origin, history and progress of the trades will be given from time to time by the instructors of the several trades.

BOOKKEEPING

The purpose of this course is to enable the tradesman to keep cost accounts, acquaint him with simple business rules and regulations in order that he may be able to look after his own business affairs, especially those which have to do with his trade activities.

OUTLINE OF COURSE OF AUTO MECHANICS—

G. B. Love, Instructor

GENERAL MECHANICS

Training Objective: General repairman of reasonable skill and ability.

Length of course: Two years of 9 months each.

Amount of time in shop: Five hours per day.

Previous Education: Sixth to eighth grade with related shop subjects. Second year high school without related shop subjects.

Maximum size of class: 25 students.

Section 1. Bench work (For students without related shop subjects) 240 hours.

Section 2. Chassis and chassis repairs (total 280 hours):

1. Frames and springs, 65 hours.
2. Steering gears and front axles, 45 hours.
3. Rear axles and springs, 125 hours.
4. Lubrication, 20 hours.
5. Tire care and repair, 25 hours.

Section 3. Power system (total 400 hours):

1. Clutches, transmissions, universals, 65 hours.
2. Engine assembly and repair, 120 hours.
3. Lubrication, 20 hours.
4. Cooling system, 40 hours.
5. Fuel system, 150 hours.

Section 4. Starting and Lighting System (total 450 hours):

1. Elementary electricity, 200 hours.
2. Ignition (battery and magneto), 110 hours.
3. Batteries and battery care, 40 hours.
4. Starting motors and generators, 50 hours.
5. Wiring and lighting, 50 hours.

Section 5. Body care and repair (total 60 hours):

1. Washing and polishing the car.
2. Minor repairs to top and upholstery.
3. Repairing doors and removing body squeaks.
4. Removing old and installing new bodies
5. Repairing fenders, hoods, aprons and radiators covers.
6. Repairing dents in the body.

Section 6. Auxiliary apparatus (total 60 hours) :

1. Safety devices.
2. Horns.
3. Windshield wipers.
4. Rear view mirrors.
5. Stop lights.
6. Car heaters.

Section 7. Operation and trouble shooting (total 120 hours) :

1. Chassis.
2. Power system.
3. Starting and lighting.
4. Body.
5. Auxiliary apparatus.

Section 8. Shop methods and management (100 hours).

BRICKLAYING AND PLASTERING

The course in bricklaying and plastering requires four years for completion.

Practical instruction in house building, chimney and flue construction, concrete work and kalsomining is given. Working drawings, materials, formulae, technical problems and estimates, are taken up during the regular periods. Lectures covering the above are given at intervals throughout the year.

All models are constructed from blue prints or working drawings.

First Year:

Fall Term—Lectures on mortar and tools, mixing mortar, processes, spreading mortar, rules and formulae, technical terms, straight piers, four-foot walls, corner piers, general helpers, and selecting brick.

Winter Term—Corner pipes, T piers, rough concreting, and study of brick manufacture.

Spring Term — Pointing exercises, kalsomining, sketch drawing, angular piers, and study of areas and cubical contents.

Second Year:

Fall Term—Row lock arches, underpiping, practical talks, estimate and soil testing.

Winter Term—Lathing, single fireplaces, line work with openings for speed and neatness, flues, plastering, window and door settings, and corner raising.

Spring Term—Double fireplaces, plastered walls, working drawings, and technical problems.

Third Year:

Fall Term—Concreting (reinforced). Bonded arches.

Winter Term—Carpentry (work to be given in Carpenter Shop—setting window and door frames, placing joists, etc.).

Spring Term—Blacksmithing, anchor irons, tie rods, stirrup irons and king bolts.

Fourth Year:

Fall Term—White coating and sand finishing, panel and projection exercises, step construction, superintending work, and blue print study.

Winter Term—Gothic and flat arches, three-cornered fireplaces, estimates, specifications and contracts.

Spring Term—Pressed brick exercises and thesis work. Advanced work for students who have covered the regular four-year course. Repair work, supervisions, shop management, review of intricate exercises, white coating, pressed brick exercises, house planning, blue print work, estimates, contracting, and building law.

Students electing this course will pay a shop fee of \$2.50 per term.

BLACKSMITHING AND WHEELWRIGHTING—M. F. Holt*First Year:*

The student is first made acquainted with the fundamental operations of the trade through a series of exercises in forging and welding. Each student is required to provide himself with a rule and a notebook.

Second Year:

The student learns the care and use of wood working tools and the kind of joints used in wheelwrighting, also the different woods. Experience is given in operating a drill press,

emery wheel and in brazing, tapping, threading bolts, riveting and all kinds of general forge work, such as ironing wagons, buggies, repairing of farm implements, etc. In the latter part of the course the student has practice in forging, welding, hardening and tempering of springs and tool steel.

The several classes of iron and steel, their manufacture and the relation of carbon content and other impurities to the uses of iron and steel are studied, as well as such operations as heating, hardening, tempering and annealing of steel. Problems in calculating the weight of material of different shapes, amount of material needed for particular jobs, problems in strength of bolts, rivets, etc., and estimating costs are considered in the classes in trade mathematics.

Third Year:

Mixing various paints and painting wagons a specialty. Stress is laid on the business side of the trade throughout the course. The forging of small tools used in the shop, such as hammers, tongs, punches, chisels, hardies, fullers, swadgers, etc. Practice is given in putting on channels and rubber tires.

Before a student can begin the regular course in auto mechanics or machine shop practice he must spend at least three months in the blacksmith shop. The aim of the course is to teach the student to make regular and special tools for use in garage work, case hardening and tempering chisels, springs, etc.

If a student wishes to complete the regular blacksmithing and wheelwrighting course it will be necessary for him to spend two years, working four hours each day. Special courses can be provided for.

BROOM MAKING—J. W. Butler

First Year:

The students first learn to separate the broom corn into insides and hurl, to grade the insides and hurl for the several classes and grades of brooms. Sizing, cutting, bursting hurl, dyeing hurl, making number 4 and 5 brooms and hand stitching are also taught during this year. Students are also taught shop management during this year.

Second Year:

The students are first given instruction in fancy Broom Making such as velvet caps, velvet cap extension, graded brooms and various gradès of whisk brooms and toys. Special stress is laid on sizing insides and hurl. Second year students are taught throughout the year the use of the Walarath power sewing machine and each student is required to stitch brooms two periods per week, together with Mattress Making and the business side of the trade.

Students in Broom Making will pay a fee of \$2.00 per term.

CARPENTRY—A. D. Lomax*First Year:*

A study of the tools used by the carpenter and their care. Exercises in making the various types of joints used by the carpenter. Cutting and placing sills, joist, studs, corner posts, girders, plates, bridging, braces, single and double headers for door and window openings, partitions, headers and trimmers for stairway and chimney openings.

Lectures. Woods, their growth and structure, grading rules, methods and types of framing, the steel square, care and operation of wood working machinery.

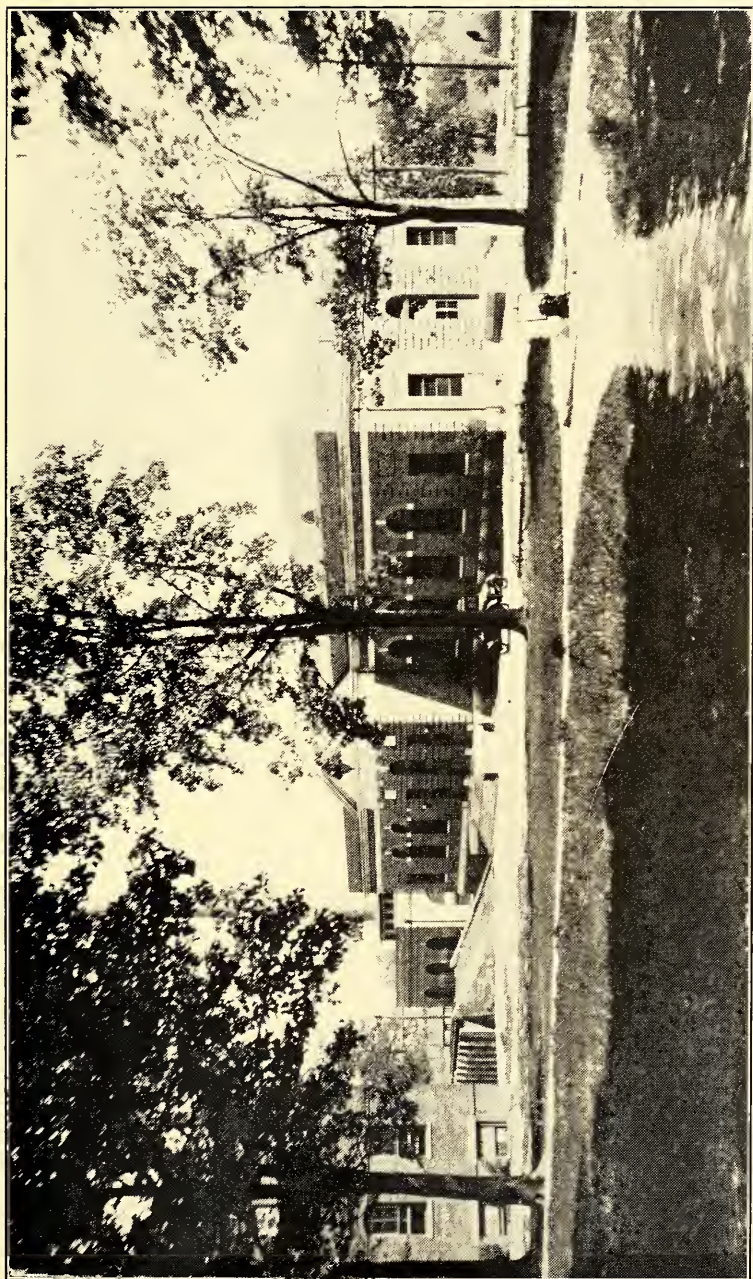
Second Year:

Making and placing door and window frames. Interior finishing, such as jobs involving the cutting and placing of casings, bases, mouldings, etc. Covering of inside floors and walls; hardware. Exterior covering and finishing as shingling, finishing of eaves and gables, siding, sheathing, corner boards, wire for plaster or stucco finish.

Lectures. The finish of floors and interior wood work. Trade terms; various materials used on interior and exterior and finishing; contractors' methods.

STAIR BUILDING*Third Year:*

Jobs involving the laying out, cutting and placing of straight run stringers, platform flights, dog leg flights, treads, risers, newels, skirting boards, rails, balusters, etc. Roof



MURPHY HALL



AEROPLANE VIEW OF CAMPUS

framing involving the cutting, placing and nailing of jack, common, valley, and hip rafters. Chimney opening.

Lectures. Blue print reading and estimating.

MANUAL TRAINING OR CABINET MAKING COURSE—

A. D. Lomax

First Year:

Care and use of tools. Making of joints used in cabinet maker's trade. Building talorets, tables, book cases and other pieces involving the use of the various joints. Practice in chair caning. Interpretation of simple cabinet maker's drawings.

Lectures. Furniture, woods, their growth and structure. Grading rules, mill practice, costs.

Second Year:

Wood work continued. Fine and period furniture, veneering, simple carving, wood turning, furniture finishing, rubbing and polishing, mixing of stains, fillers, etc.

Lectures. Furniture construction, finishes, characteristics of period furniture.

Third Year:

Furniture upholstering: Tools and accessories, springing up, pillow and cushions, the pad seat, the hard stitched edge, double stuffing, circular backed chairs, spring back pieces, simple and pleated buttoning, cording, banding, gimping, etc. Overstuffed furniture upholstering, trimming overstuffed pieces.

Lectures. Estimating, classes of fillers and fabrics, springs, the four principal textile weaves, advertising.

COURSE IN ELECTRICITY—L. P. Byarm

Will cover three years for completion, 105 weeks, 700 clock hours per year.

First Year:

Wire joints and splices, bells and enunciators, open wiring, cleat and moulding, concealed wiring, conduit wiring, old and new building. Special wiring.

Second Year:

Installation of instruments.

Plants A. C. and D. C.

Motors A. C. and D. C.

Secondary batteries, transformers, lighting arresters, automatic controls.

Third Year:

Working from blue prints.

City specifications, sketching, safety measures, building specifications, lead wiring, drying and baking coils, bench practice. Instruments.

OUTLINE OF COURSES IN PLUMBING—L. P. Byarm

Two years required to finish course. 105 weeks for course, 700 clock hours per year.

First Year:

Plumber's tools and their uses. Jointing flux used in soldering, solder, fitting for drains, soil waste and vent pipes. Location of traps, location of air inlets, vents, traps, etc. Rain water conductors, method of determining size. Location of water closets, tanks and urinals. Ventilation of water closets, traps, test for drainage system, method of applying.

Second Year:

Sewers and sewage systems. Principles of house drainage, filtration, water supply, etc. Principles of hot water circulation. Pneumatic water supply, ventilating shafts, areas. Air lock causes and prevention.

Third Year:

Methods of supplying country houses by hydrams, pumps, wind mills, etc. Bacterial action in septic tanks. Plumbing systems for hospitals and school. Plumbing systems for mills and factories, plumbing systems for office and store buildings. Plumbing systems for apartment and tenement houses. Correcting defective plumbing plans. Process for obtaining permits, license, etc.

MACHINE SHOP PRACTICE—R. L. Campbell

The machine shop has been enlarged and the following new machines have been set up for the purpose of instruction and making the necessary repairs on the college equipment:

1. One new Bickford Boring Mill, four foot swing.
2. One new Rockford 1½ Universal Milling Machine.
3. One new Whipp Combination Shaper and Planer.
4. One new Silver Radial Drill 42 inch Swing.
5. One new Norton No. 2 Universal Grinder.
6. One new Whiton Centering Machine.
7. One new Whip 12 inch Shaper.
8. One new Hendley and Whittmore No. 55 Punch and Shear.
9. Two new 16 X 10 Monarch Lathes, one Gap, one with Turret Attachment.
10. One new 11 X 5 Monarch Lathe.

All of this machinery is motor driven through counter and main shafts in two sections. The lighter section is driven by one Allis-Chalmers Induction Motor 10 HP. The heavy section is driven by one 20 HP. Allis-Chalmers Induction Motor.

All of this machinery was set and lined by the students in the machine shop practice classes.

Required time: Two to three years, depending upon the individual.

Fall Term:

First year in shop, elementary work, covering the care of the various machine tools. Simple work on the shaper, and the drill press, laying out work from sketches.

Winter Term:

Continuation of shaper and drill press work, tool grinding, use of measuring instruments, making sketches and transferring them for development on the machines. The lathe is studied at this time and small problems worked out, such as centering, turning straight work, setting gears for thread cutting, etc.

Spring Term:

Lectures and local inspection trips, continuation of lathe work to the point of completion, working out all problems, such as turning tapers, cutting to shoulders, threading difficult pieces, boring tapers, boring to shoulders. The use of special tools on the lathe, the boring bar, drills, draw filing. The uses for the turret attachment and drawing in attachments for the lathe.

SECOND YEAR IN THE SHOP

Fall Term:

(Advanced Work for Machinist).

Fitting work by micrometer measurements, the shrinking fit, the forced fit, grinding to gauge, making dies for punching machine. The use of the Universal Grinding Machine. The use of the boring mill, in boring and turning large pieces, boring tapers etc. Handling the punch and shear in steel construction and die work.

Winter Term:

Working out original plans for some machine construction, lectures on modern machine shop practice. Simple problems of the milling machine, surfacing, grooving and slotting, computing and generating gears on the milling machine by the cycloidal and involute methods. General adjustment of machines.

Spring Term:

General resume of work covered in previous terms and checking on the accuracy of results. Making rack and pinion on the milling machine, approved methods. Grinding to plans and selecting abrasive wheels, planning and building some small model machine to comply with A. S. M. E. building code.

Lectures are given weekly on some subject closely related to the outline of the course. A great deal of practical work is done in this shop on the machinery in the various divisions of the college. All of the machine work of the college is done in this shop.

Shop management and superintendence.

OUTLINE OF COURSE IN PHOTOGRAPHY—J. H. Budd

HISTORY

History of photography, with chemistry and optics relating to the photographic world. Art of mounting and framing commercial photographs, art of tinting, masking and reproducing portraits, art of making copies of portrait and commercial exposures. When and where to open a studio.

LIGHTING AND POSING

Men, women, children, groups and every kind of pet will be used for the students' models. Bust, profiles, three-quarter views, full length figures in sitting, standing and many other reclining positions, are demonstrated. High lights and shadows of a subject practical daily.

COMMERCIAL PHOTOGRAPHY WITH STILL LIFE GROUPS AND VIEWS

Still life objects are interiors, exteriors, furniture statues, photo copies, high buildings, landscapes, sky and cloud effects, flashlights, moon views and paintings.

ART STUDIES

Art studies, fancy posing, lighting, draping and blocking shades in backgrounds.

DEVELOPING

Developing films and plates with metolhydronquinone or substitutes, using "tray developing solutions". Fixing, washing and drying, developing plates with pyrogalic acid, using "tank developing solutions", intensifying negatives and films, reducing negatives and films, local developing by the "Eastman formulas".

RETOUCHING

The photographic principle of retouching photographs, retouching positives with an etching knife, a catel brush and pencil, working backgrounds on negatives, cutting freckles and wrinkles from the face of the negatives and improving the complexion.

PRINTING

Darkroom printing with the artificial light, and the "gas light papers" through the "Standard Printing Machine", using all grades and kinds of papers, the Cyco azo, Artura, Haloid and many other kinds are demonstrated to the students. Printing, using the oval mask and the square mask, is also demonstrated in darkroom printing.

ENLARGING

Enlarging photographs is one of the most interesting branches of photography. One who learns to enlarge feels that it is a straight course in science. The photograph can be enlarged to the size 8 x 10 picture frames or can be reduced for locket, a watch, or life size portrait from any film and plates. The enlargement on paper plates or other material, life size or larger.

TRANSPARENCIES

Making of transparencies and positives, same size, enlarged or reduced and making lantern slide photographs of all kinds.

MOUNTING AND FRAMING

To command the best paid prices, photographs must first be made, mounted and finished artistically. Photography students here are taught this valuable point especially because it weighs so much in the determination of one's success. The students are shown the kind and style of framing to bring out beauty of different subjects, to harmonize colors and shades.

SALESMANSHIP

Any photographer who does not know how to sell his productions is not the man to succeed. He knows nothing about business activities. We teach every student who takes this course how to manage, advertise and build up patronage in the business world.

PREREQUISITE

No student is allowed to enter the photo studio who has not had four units of high school work or the equivalent. A term fee of \$5.00 will be charged each student enrolling in this course.

COURSE OF STUDY OUTLINED

Fall Term:

First year—History and chemistry of photography.

Second year—Studies of art and photo science.

Third year—Transparencies.

Winter Term:

First year—Demonstrations of lighting and posing.

Second year—Retouching and etching.

Third year—Mounting, shaping and framing.

Spring Term:

First year—Commercial groups and views.

Second year—Printing, masking and enlarging.

Third year—Salesmanship and management.

SHOEMAKING—C. DeHuguley

First Year Trade:

The student first learns the construction of the various kinds of shoes; the method of fastening the parts together—welts, uppers, innersoles, outersoles, felts, stays and all forms and classes of heels. Thread and needles are next studied. The art of twisting and waxing threads, attaching threads to bristles, uses of threads and needles are included in this study. The student is next taught the use of the knife; cutting and fixing soles, stays, heels and uppers; patching; capping; sewing rips; uses of hammer, rasp, buffers, sandpaper and nails; sizes of nails; use of ink, and burnishing and finishing. In addition the student is taught the care and operation of foot-power machinery and its use in sewing rips and patching.

Second Year Trade:

All students having satisfactorily completed their first year course in shoemaking will begin their second year course with the study of leather, its qualities, kinds and treatment. The various kinds of shoes, cloth, rubber, composition, imitations of leather are studied. Emphasis is placed on the repair of the shoes. The various kinds of heels are next studied—wooden heels, aluminum heels, military heels, Cuban heels, Baby Louis heels, French and rubber heels. The student is then taught

the fitting of rubber and aluminum heels, and the recovery and fitting of leather heels. The various methods of soling are taken up next—hand sewed soles, machine sewed, tacked and channel nailed. Manipulation and care of power machines, eyelet machines, button machines; making of buttonholes; uses of cements; and the cutting of tongues and vamps and soles, completes the course.

The shop fee is \$3.00 per term.

TAILORING—C. G. Cox

The course in Tailoring covers three years of thorough training in repairing, cleaning, pressing, altering, making of suits and overcoats. The variety of making new garments and in repairing permits arranging and carrying out a course of study which equips a student for such work as is met in commercial life.

The course of study follows:

First Year:

Care of shop and tools. Position on tailor's board. Practice in use of needle, thimble; in overcasting, felling back-stitching, making button holes and machine sewing. Study and classifying materials, practice in making flies, waistbands, straps, flaps for pockets, pockets from drafts, cutting and fitting linings, spacing buttons, application of measurements used in making trousers, joining and finishing uniform trousers, civilian trousers and overalls.

Second Year:

Review. Studying different parts of the vest, making various pockets, collars, facing and working from drafts. Vest making. Vest drafting, studying the various parts of the coat. Cutting and making canvas collars and sleeves. Working from drafts, making facings, foreparts, edges, joining seams, basting, linings and finishing work.

Third Year:

Review of first and second year work. Coat and overcoat making. Studying changes that affect work in citizens' garment making. Work on ordinary citizens' garments continued. Studying grades of material, estimates, cost and

quality of materials. Working from drafts. Study of harmony in colors, drapery in garments. Measuring, drafting and cutting the garments studied. Students are required to make a suit to show proficiency. Study of current trade events during the year.

Students in Tailoring pay a shop fee of \$5.00 per term.

INDUSTRIAL EDUCATION

OUTLINE OF COURSES

JUNIOR

SUBJECTS	CREDITS
<i>Fall Term:</i>	
Trade Analysis	3
<i>Winter Term:</i>	
Educational Psychology	3
<i>Spring Term:</i>	
Organization of Part-Time Schools and Classes	3

SENIOR

<i>Fall Term:</i>	
Methods of Teaching Shop and Related Subjects	3
<i>Winter Term:</i>	
Vocational Education	3
<i>Spring Term:</i>	
Industrial History	3

Courses in Mechanical Drawing will be arranged for juniors who have not completed a satisfactory course in drawing. Seniors will be expected do practice teaching in the trade shops.

DESCRIPTION OF COURSES

1. TRADE ANALYSIS. Winter Term. Three credit hours. This course is intended for those who are preparing to teach shopwork and the related subjects. The purpose of the course is to help the trade teachers organize a good line of instruction.

The course will include the analysis of any trade into instructional groups, processes, operations, and the arrangement of these processes into an instructional order with reference to learning difficulties; selection of a line of useful and

practical projects, writing an operation sheet with each project, and preparing a synopsis of a line of instruction containing trade theory, trade science, trade mathematics, and drawing. Juniors.

2. MATERIALS, EQUIPMENT AND SHOP RECORDS. Winter Term. Three credit hours. The object of this course is to aid the shop instructor in selecting the proper tools and equipment and the care and custody of the same; the problems of getting, selecting, and care for materials, keeping records, drawing floor plans for modern shops, locating machinery, and safety precautions. Seniors.

3. METHODS OF TEACHING SHOP AND RELATED SUBJECTS. Fall Term. Three credit hours. This course deals with the fundamental factors in teaching, agencies of education, class room instruction, giving special attention to the making of lesson plans, and the preparatory, presentation, class work, and dismissal periods. Problems in class room management, how to get and hold attention and keep interested are also discussed. Seniors.

4. ORGANIZATION OF PART-TIME SCHOOLS AND CLASSES. Spring Term. Three credit hours. The purpose of this course is to create a greater appreciation for the need of vocational training. The course will include a study of part-time education, the several types of part-time schools and classes, their needs, manner of organization, making of schedules, daily programs and the correlation lessons with shop courses. Special emphasis will be on evening and continuation classes. Juniors.

5. EDUCATIONAL PSYCHOLOGY. Fall Term. Three credit hours. A brief outline of general psychology of learning and individual differences. (See Education 4).

6. PRACTICE TEACHING. Fall, Winter and Spring Terms. Two credit hours. The purpose of this course is to give information and experience in teaching to those who are planning to become trade teachers. Through the co-operation of the shop instructors and the teacher trainer the student teacher will be given regular classes in their respective shops for practice teaching, and will be required to present lesson plans for each lesson to be taught to the teacher trainer who will supervise their work. Seniors.

7. MECHANICAL DRAWING. Fall, Winter and Spring Terms. Two credit hours. The aim of this course is to give some experience in elementary and advanced mechanical drafting. It is planned for those who may be called on to teach elementary drafting in trade, part-time and evening schools. Fundamental principles of free hand working drawings and mechanical drawing in the field of the builder's trade will be emphasized. Juniors.

8. ENGLISH. (See English 7, 8, 9, 10, 11, 12, pages 81-82.)

9. TRIGONOMETRY. (See Mathematics, Course II, page 88.)

10. ELECTRICITY. (See page 53.)

11. HEATING ENGINES. (See page 54.)

12. SURVEYING. (See Mathematics, Course III, page 88.)

13. STRENGTH OF MATERIAL. (See page 54.)

14. ECONOMICS. (See page 77.)

ACADEMIC DEPARTMENT

OUTLINE OF COURSES

FRESHMAN

SUBJECT	FALL	WINTER	SPRING
English	5	5	5
College Algebra	5	5	0
Trigonometry	0	0	5
Military Science	3	3	3

Electives:

Latin	4	4	4
French or Spanish	4	4	4
Modern History	3	3	3
Physics	3	3	3
Chemistry	6	6	6

SOPHOMORE

English	5	5	5
Psychology	4	4	4
Military Science	3	3	3

SUBJECT	FALL	WINTER	SPRING
<i>Electives:</i>			
Physics	3	3	3
Biology	3	3	3
Constitutional History	3	3	3
Latin, French or Spanish	3	3	3
Mathematics	3	3	3
Chemistry	6	6	6

JUNIORS

English	3	3	3
Economics	3	3	3
Military Science	3	3	3

Electives:

Psychology	4	4	4
Education	4	4	4
Mathematics	3	3	3
Agriculture or Mechanics	4	4	4
Chemistry	6	6	6

SENIORS

English	3	3	3
Education	6	6	6
Military Science	3	3	3

Electives:

Agriculture	4	4	4
or			
Mechanics	4	4	4
Sociology	3	3	3
Chemistry or Physics	6	6	6

DESCRIPTION OF COURSES

This department provides a general college training which especially prepares for teaching, for business and for further study. The following courses are offered:

Mathematics, Modern Languages, Sociology, Psychology, English, Economics, History and Education, Chemistry, Physics and Biology.

ECONOMICS AND SOCIOLOGY

THE PRINCIPLES

COURSE 1.

This course is designed to acquaint the student with the general principles of the Science. The following topics will receive special attention: The character of the present economic system; the evolution of economic society; production and consumption; the kinds and nature of wealth; transportation, insurance and agricultural problems.

Elective for Sophomores, Juniors and Seniors.

3 credits: 1 lecture, 2 recitations.

COURSE 2.

Rural Economics. Special attention will be given to the beginning of Agriculture and its development, especially in the United States. Farm management, the factors of agricultural development, marketing, co-operative organization, the federal loan banks and price fixing by federal authority will be considered.

Elective for Juniors and Seniors.

3 credits: 1 lecture, 2 recitations.

COURSE 3.

Sociology. The following topics will be considered: The make-up of the population, social forces, social processes, social products and sociological principles.

Elective for Sophomores, Juniors and Seniors.

3 credits: 3 recitations.

COURSE 4.

Rural Community Sociology. Special attention will be given to the condition and resources of American country life with the purpose of developing community leadership.

Elective for Sophomores and Juniors.

3 credits: 3 recitations.

EDUCATION AND PSYCHOLOGY

The training of teachers for the high schools of the state is recognized as one of the important functions of the institution. This department aims to give students who are plan-

ning to become high school teachers and principals the necessary technical training for their profession. To this end it is expected that all students expecting to teach will take either the general or the teacher-training course in agriculture or the teacher-training course in industries.

EDUCATION

COURSE 1.

Secondary Education. A study of the secondary school problems is made. Special attention is given to the following topics: Qualities of the efficient teacher, his relation to the various elements of the community; standing of professional conduct, etc.

Elective for Juniors. Prerequisite, Psychology 2.
2 credits: 2 recitations.

COURSE 2.

History of Education. The relation between the industrial, intellectual, social, philosophic and the religious ideal of the individual and the varying conceptions of aims, methods, curricula and organization of educational agencies will be studied. An attempt will be made to show the origin and evolution of the present theory and practice in education.

Elective for Juniors and Seniors.
3 credits: 3 recitations.

COURSE 3.

The School Principalship. The duties of the principal, his relation to the community, the patrons, board of education, discipline, grading teachers' meetings, educational measurements, etc., will be considered. Elective for Seniors. Lecture, reports and discussions.

2 credits: 2 recitations.

PSYCHOLOGY

COURSE 1.

Introductory. This course will deal with the psychological bases of human behavior; the nature of psychology; the various senses and their manner of functioning; habit, attention, perception, memory, will, etc.

Elective for Sophomores and Juniors. Fall and Winter Terms.

3 credits: 3 recitations.

COURSE 2.

This course deals with learning processes, sensations, imagination, concepts, reasoning, emotions, etc. Elective for Juniors and Seniors.

Sophomores. Prerequisite Course 1.

COURSE 3.

Adolescent Psychology. This course takes up the development and the physical, intellectual, moral, social and religious nature of the adolescent. The purpose of this course is to develop in the student a clear insight into the youth of high school age. Lectures and discussions and collateral reading will supplement the work. Prerequisite, Courses 1 and 2.

Elective for Seniors.

3 credits:

3 recitations.

EDUCATIONAL PSYCHOLOGY

COURSE 4.

This course is designed to give the student a knowledge of human traits and tendencies and educational procedure. Consideration is given to instinctive tendencies, habit formation, memory, the learning process and thought process. The application of psychological principles to teaching is emphasized.

Winter Term.

3 credit hours.

Juniors.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR RAVENELL

Fall Term:

ENGLISH 1.

English Composition. The chief aim of this subject is a thorough review of English Grammar and syntax. Stress will be laid also upon such fundamentals of written composition as punctuation, spelling, choice of words and clearness of sentence structure. Themes and monthly reports will be required.

Required of all Freshmen.

Textbook: Composition for College Students, Thomas, Manchester and Scott.

5 credits:

5 recitations.

Winter Term:

ENGLISH 2.

A continuation of English 1.

Prerequisite, English 1. Required of all Freshmen.

5 credits:

5 recitations.

Spring Term:

ENGLISH 3.

This course is designed to help students use their minds most effectively in the important processes of studying, thinking and reading. The chief aim of the course is to orientate the student into college life. Written reports will be required and opportunities for class discussion will be given.

Textbook: The Mind at Work, Lyman.

5 credits:

5 recitations.

Fall Term:

ENGLISH 4.

Argumentation and Debating. The aim of this course is to train in accuracy and readiness of thought and speech. Considerable practice will be given in preparing briefs and in oral debates.

Required of Sophomores.

3 credits:

3 recitations.

Textbook: Argumentation and Debating, Foster.

Winter Term:

ENGLISH 5.

Public Speaking. Special attention will be given to the principles and practice of public speaking. Each student will be given practice in both prepared and extemporaneous speaking upon subjects of educational value.

Required of Sophomores.

Textbook: Public Speaking, Winans.

3 credits:

3 recitations.

Spring Term:

ENGLISH 6.

Journalism. This is an introductory course designed to acquaint the student with the field of newspaper work, to teach him facility in the use of written English, and to discover his possible fitness for journalism. The course will

include reporting, editing, writing of special feature articles and editorials, and a study of representative American newspapers.

Required of Sophomores.

3 credits:

3 recitations.

Textbooks: Editing the Day's News, Bastian, and Newspaper Reporting and Correspondence, Hyde.

Fall Term:

ENGLISH 7.

General Literature. The aim of this course is to offer an opportunity for direct acquaintance with the masterpieces of the several types of literature. The work includes a study of representative selections from the field of poetry, history, biography, oratory and the essay respectively.

Required of Juniors.

3 credits:

3 recitations.

Textbook: Types of Great Literature, Houston and Bonnell.

Winter Term:

ENGLISH 8.

Continuation of English 7.

Required of Juniors.

3 credits:

3 recitations.

Spring Term:

ENGLISH 9.

This course will trace the development of the English drama from the dramatic tropes before Shakespeare to the present. Lectures, assigned readings, discussions.

Required of Juniors.

3 credits:

3 recitations.

Textbook: The English Drama, Brawley.

Fall Term:

ENGLISH 10.

Comparative Literature: This course offers a comparative study of the literature of the world to those who desire a

general acquaintance with the development of the world literature. Extensive reading of masterpieces in translation.

Elective for Seniors.

3 credits:

3 recitations.

Textbooks: Literature of the World, Richardson and Owen.

Winter Term:

ENGLISH 11.

Continuation of English 10.

Elective for Seniors.

3 credits:

3 recitations.

Spring Term:

ENGLISH 12.

Technical Writing. The aim of this course is to teach students how to prepare technical or scientific articles and reports.

Elective for Seniors.

3 credits:

3 recitations.

Textbook: Technical Exposition, Thompson.

FOREIGN LANGUAGES

MR. TALMA

FRENCH

COURSE 1.

For beginners. Pronunciation, essentials of grammar, reading and conversation.

Elective. Fall and Winter Terms.

4 credits:

4 recitations.

COURSE 2.

Advanced French. Continuation of Course 1. Reading, grammar, composition and conversation.

Elective. Spring Term.

4 credits:

4 recitations.

COURSE 3.

Composition and conversation. Review of the principles of French Grammar. Practice in reading, writing and conversation.

Prerequisite, Course 2.

Elective. Fall and Winter Terms.

4 credits:

4 recitations.

SPANISH

COURSE 1.

Elementary Spanish. Elements of Grammar. Reading simple stories, conversation and dictation.

Elective. Fall and Winter Terms.

4 credits:

4 recitations.

COURSE 2.

Spanish Prose. Reading, translating, conversation and composition.

Elective. Fall, Winter and Spring Terms.

4 credits:

4 recitations.

COURSE 3.

Advanced Spanish. Reading from Calderon and Cervantes and other Spanish authors. Review of grammar. Composition with special emphasis on commercial usages.

Prerequisite, Course 2.

Elective. Fall, Winter and Spring Terms.

4 credits:

4 recitations.

LATIN LANGUAGE AND LITERATURE

COURSE 1. Livy, Book XXI or XXII.

Elective for students who plan to teach. Fall and Winter Terms.

Spring Term: Cicero's De Senectute.

3 credits:

3 recitations.

COURSE 2.

Horace's Odes and Epodes. This course will be supplemented by Roman History.

Fall, Winter and Spring Terms. Prerequisite, Course 1.

3 credits:

3 recitations.

HISTORY

MR. MC KINNEY

MODERN EUROPEAN HISTORY**COURSE 1.**

This course begins with the decline and fall of the Roman Empire and ends with a discussion of present day problems. It is a general survey of the principal factors in the history of Western Europe. Economic, social, political, religious and intellectual movements are studied in reference to their relations to the development of national states and the growth of democracy and the expansion of Europe. Emphasis is laid on international relationship and on events culminating in the Great War. A theme is required at the close of the course. Robinson, History of Western Europe, is used as a basis of the course and is supplemented by lectures, collateral readings, special reports and map work.

5 credits :

5 recitations.

NEGRO HISTORY**COURSE 5.**

This course opens with a brief survey of the African background of the Negro and traces him from Africa to America. It includes a study of his enslavement, with special emphasis on slavery in America, his life on the plantation, the Free Negro before 1860, abolition, and the Civil War with special emphasis on the part played by Negro troops, achievements since 1865, forces in Negro progress, some problems of the Negro, the part played by him in the World War. Special phases of the Negro are studied together with the forces that are operating to unite the race. Woodson, The Negro in Our History, is used as the basis of the course and is supplemented by lectures, collateral readings, examination of sources, preparation of bibliographies, the presentation of papers.

5 credits :

5 recitations.

COURSE 2.

Constitutional History of the United States from 1721 to 1829.

Fall Term.

3 credits :

3 recitations.

COURSE 3.

Constitutional History of the United States from 1829 to 1861.

Elective for Juniors. Prerequisite, 1.

Winter Term.

3 credits:

3 recitations.

COURSE 4.

Constitutional History of the United States 1861 to 1900.

Elective for Juniors and Seniors. Prerequisite, 2.

Spring Term.

3 credits:

3 recitations.

CHEMISTRY

EQUIPMENT:

The chemical laboratory is well equipped with suitable apparatus and necessary chemicals for the study of general as well as agricultural chemistry.

Among the most expensive apparatus may be mentioned Hoffman's apparatus for decomposition and recomposition of water, fat extraction apparatus, chemical balances, soil analysis apparatus, hot plates, copper, air and water bath, apparatus for analysis of baking powder, water analysis, etc.

In short, the equipment for the department is first-class in every respect, and in some lines it is perhaps second to that of no other institution in the state.

While the equipment for the work in the Physics is not so complete as that in Chemistry, the Department has made and purchased sufficient apparatus to illustrate on the lecture table the more important laws of Physical Science. The equipment consists of a Lever Air Pump with oxidized brass barrel and accessories, an Atwood's Machine, Port Lummere and Stereopticon for projection work, a set of Vacuum and Spectrum Geissler tubes containing residuum gases, Rohmkorff Induction Coil, a Hoffman's Graduated Edimeter and an assortment of batteries and Leyden jars for induction and distribution of electricity, compound microscopes, pulleys, balances, pumps, sonometer and general assortment of lecture table apparatus. The lecture room can be made dark at any time for illustration with the stereopticon or Port Lummere. The lecture table is fitted with water, gas and electricity.

The department has recently purchased some of the latest apparatus for Soil Physics, which includes a ball bearing balance, 50cc. Flasks with ground glass stoppers drawn out to an open capillary tube for specific gravity work; brass tubes $12\frac{1}{2} \times 17\frac{7}{8}$ inches inside measurements for the determination of volume weight, apparent specific gravity and porosity of soils, apparatus to determine the power of loose and compact soils to retain moisture, a set of brass tubes, $16 \times 17\frac{7}{8}$ inches inside measurement, to show the rate of percolation of water through soils; a set of galvanized iron cylinders set in water jackets to show the effect of mulches or evaporation of water from soil; and a set of five glass tubes, $30 \times 17\frac{7}{8}$ inches inside measurement, for determining the capillary attraction of soils. A detailed description of the course offered by this department follows:

COURSES IN CHEMISTRY AND PHYSICS

MR. TAYLOR

The Chemistry laboratory is well equipped with apparatus for all branches of chemistry. All of the courses listed below run for three quarters.

I. General Chemistry. Six credits.

Lectures are given on the theory of chemistry and experiments are performed both by the instructor and by the students in the laboratory. This course is designed to pave a way for all other branches of chemistry and to give a general knowledge to those who do not wish to specialize in the subject. Six periods a week. Text: McPherson and Henderson.

II. Qualitative Analysis. Six credits. Prerequisite, course one.

Laboratory work preceded by theory of analysis. It is the aim of this course to acquaint the student with the general methods of testing acid and gases as well as colorimetric tests. Six periods a week. Text: McPherson and Henderson.

III. Quantitative Analysis. Six credits. Prerequisite, courses one and two.

Lectures and laboratory work in gravimetric and volumetric analysis. Some work will be done in combustion analy-

sis. The aim of this course is to acquaint the student with the general principles of quantitative analysis.

Six periods a week. Text: Mahin's Quantitative Analysis

IV. Organic Chemistry. Six credits.

Lectures and laboratory work on the preparation and identification of organic compounds. Course is planned so as to give a general knowledge of the groupings and properties of organic compounds as well as the preparation of a member of each type. The instructor reserves the right to reject anyone who is not properly qualified to pursue this course with profit. Six periods per week.

VI. Advanced Analytical Chemistry. Six credits. Prerequisite, course I, II and III.

The work of this course will be primarily in the field of industrial products, including the food stuffs, paints, oils and any substance the instructor may see fit to present to the student. Students in engineering and general mechanical trades are especially invited to pursue this course. The instructor reserves the right to reject anyone not properly qualified to pursue this course with profit. No special text will be used in this work. The student will be required to read from volumes furnished by the school library and bulletins. Six periods a week.

PHYSICS

I. General Physics. Three credits.

Three lectures and recitations. The subjects covered are properties of matter, pneumatics, mechanics of solids, liquids and gases. The lectures are fully illustrated and the practical application of the principles are clearly pointed out.

For Sophomores.

II. Advanced Physics A. Four credits.

Course I required. Course IV. Mathematics. Two lectures and one laboratory period per week. The subjects of discussion are Heat, Magnetism and Electricity, illustrating fully the fundamental principles involved therein. This course will give the student an opportunity to take up work as an electrician. For Juniors.

III. Advanced Physics B.

Course II required. Course V Mathematics required.

Two lectures and one hour laboratory period per week. The subjects dealt with mostly in this course are light and sound, the latter being taken up briefly. This course will familiarize the students with the fundamental principles of optical and musical instruments that are in every day use. Three credits.

IV. Advanced Physical Laboratory Work.

Courses I, II and III required. Three credits.

This work is designed to fix the principles learned in the previous lectures firmly in the mind of advanced students by giving them the opportunity of performing the experiments with modern scientific apparatus. This course will give the student an opportunity to take up work as an expert electrician or mechanic.

MATHEMATICS

MR. NELSON AND MR. CHERRY

Course I. College Algebra. Fall Term.

Required of Freshmen.

5 credits:

5 recitations.

Special Course II. Plane Trigonometry. Functions of angles, solutions of right triangles, solution of oblique triangles.

Required of Freshmen.

5 credits:

5 recitations.

Course III. Surveying. Use and care of instruments. Field work in practical problems, measuring of distance, slopes and elevations, office work in computations and map drawing, drainage and contour maps, calculation of areas by various methods.

Elective for Sophomores.

3 credits:

3 recitations.

Course IV. Analytic Geometry. Co-Ordinates. The straight line and the circle, the conic section and higher plane curves.

Elective for Sophomores.

3 credits:

3 recitations.

Course V. Differential Calculus. Differentiation of algebraic functions, with applications; slope of curve, radius of curvature, points of inflection, maxima and minima, differentiation of transcendental functions.

Elective for Juniors.

3 credits:

3 recitations.

Course VI. Integral Calculus. The integral area under a curve, special forms of integration. The evolute, the cycloid, definite integrals, general formation, mechanics, convergence of series, applications to the Geometry of space.

DEPARTMENT OF MUSIC

MR. FULLER

The social and ethical side of life, as well as the general artistic conception and appreciation is greatly enhanced by the study of music. More stress is placed upon music in the public schools today than ever before, and with that stress comes a more systematic presentation of the subject, so as to make it render the greatest good to the largest number.

OUTLINE FOR THE PIANOFORTE COURSE

This course will be adapted to the individual needs of those applying for instruction. Special instruction will be offered those who wish to become performers from a technical viewpoint.

VOCAL DEPARTMENT

The management recognizes the art of singing as the foundation of all music culture. No instrument can be a substitute for song. The training of choruses and quartets will be emphasized.

Each class is required to take one period of Vocal Music a week.

CHORAL CLASS

A choral class is maintained for the study of cantatas, choruses, glee club and part songs of all kinds, giving all the pupils of the school opportunity for practice in sight singing; also to present programmes of the best class of Chorus Music and the best in Negro Music.

BAND AND ORCHESTRA

The Band and Orchestra offer an excellent opportunity to the student to become skilled in playing various instruments. Concerts and entertainments are frequently given by these organizations.

HIGH SCHOOL DEPARTMENT

This department aims to give a thorough preparation for college, as well as a broad preparation for life. Students who are preparing for college should take the Language Course, while those who do not plan to enter college should take the English Course.

Upon the satisfactory completion of fifteen units of high school work, together with four units of industrial work, a student will be recommended to receive a diploma from this department.

HIGH SCHOOL COURSE**FIRST YEAR**

SUBJECT	FALL	WINTER	SPRING
English	5	5	5
Community Civics	5	5	5
Arithmetic	5	5	5
Algebra	0	5	5
General Science	5	5	5
Music	1	1	1
Manual Training	5	5	5

SECOND YEAR

English	5	5	5
History	5	5	5
Algebra	5	5	0
Plane Geometry	0	0	5
Foreign Languages	5	5	5
Music	1	1	1
Manual Training	5	5	5

THIRD YEAR

SUBJECT	FALL	WINTER	SPRING
English	5	5	5
Plane Geometry	5	5	5
Foreign Languages	5	5	5
Physics	5	5	5
Music	1	1	1
Manual Training	5	5	5

FOURTH YEAR

English	5	5	5
Foreign Languages	5	5	5
Chemistry	5	5	5
Solid Geometry	5	5	5
Music	1	1	1
Vocational Education	5	5	5

ENGLISH

MR. PHAYME

First Year:

Fall Term: Review of English Grammar. 5 periods a week.

Winter Term: Composition and Rhetoric. Frequent themes supplement the work. 5 periods a week.

Spring Term: Composition and Rhetoric, continued. 5 periods a week.

Readings from the following groups:

Hawthorne's *The Great Stone Face*; Longfellow's *Evangeline*; Tennyson's *Enoch Arden*; Bunyan's *Pilgrim's Progress*; Van Dyke's *Story of the Other Wise Man*; George Eliot's *Silas Marner*.

Second Year:

Fall Term: Composition and Rhetoric, continued. Special attention will be given to Exposition. Frequent themes will be written. 5 periods a week.

Winter Term: Composition and Rhetoric, continued. Emphasis will be placed upon argumentation and debating. Oral and written debates. 5 periods a week.

Spring Term: Continuation of Winter Term. Readings from the following groups:

Shakespeare's Merchant of Venice; Dicken's Tale of Two Cities; Stevenson's Treasure Island; Scott's Ivanhoe; Cooper's Last of the Mohicans; Scott's Lady of the Lake.

Third Year:

Fall Term: English Composition, continued. Special emphasis on new items, editorials, and book reviews. 5 periods a week.

Winter Term: The History of English Literature.

Spring Term: Continuation of the work of the Winter Term. 5 periods a week.

Reading from the following group:

Shakespeare's Macbeth; Dicken's David Copperfield; Colridge's Ancient Mariner; Gray's Elegy; Brawley's Negro in Literature and Art; Goldsmith's Deserted Village; Burke's Speech on Conciliation with America. Special attention will be given to the poetry of Shelley, Burns and Wordsworth.

Fourth Year:

Fall Term: The history of American Literature. 5 periods. This course includes a brief outline of the history of American Literature, with a study of the important work in each period. A study of the principles of composition with special emphasis on punctuation and sentence structure. Frequent writing of themes and home reading is required.

Textbooks: American Literature, Long; Century Handbook of Writing.

Winter Term: Continuation of the work of the Fall Term. 5 periods a week.

Spring Term: American Poetry. Special attention will be given the poetry of Bryant, Whittier, Longfellow, Holmes, Poe and Dunbar. This course also includes a review of the most important principles of grammar and rhetoric, with practice in composition and a study of words.

Textbooks: American Poetry, Demille; Century Handbook of Writing; and the Century Vocabulary Builder.

LATIN

MR. H. A. TALMA

COURSE 1.

Second Year:

Fall Term: Nouns and Adjectives of first, second and third declensions; principal parts of verbs; simple uses of case; conjugations of irregular verbs. 5 periods per week.

Winter Term: Conjugation of verbs. Fourth and fifth declensions. Indirect discourse. Prepositions; expressions of place; composition; supplementary readings from Latin into English. 5 periods per week.

Spring Term: Review of declensions and conjugations. The subjunctive mood; relative pronouns; double questions; ablative absolute; conditional sentences; gerund and gerundive; periphrastic conjugations; composition. 5 periods per week.

COURSE 2.

Third Year:

Fall Term: Review Grammar. Caesar—De Bello Gallico, Book I. Easy composition; word formation.

Winter Term: Caesar—De Bello Gallico, Books 2 and 3; advanced composition; sight reading: Nepos lives. 5 periods per week.

Spring Term: Caesar—De Bello Gallico, Book 4. Advanced prose. Sight: Nepos lives general review; word formation. 5 periods per week.

COURSE 3

Fall Term: Cicero—In Catilinam (1 and 2).

Sight: Sallust—Catiline.

Composition—Advanced Latin Prose. Word formation. 5 periods per week.

Winter Term: Cicero—In Catilinam (3 and 4).

Sight: Sallust—Catiline.

Composition—Advanced Latin prose. Word formation. 5 periods per week.

Spring Term: Cicero—Pro Lege Manilia Pro Archia.

Sight: Sallust and Jurgurtha.

Composition—Advanced Latin prose. Word formation. 5 periods per week.

MATHEMATICS

MR. D. K. CHERRY

The technical student, whether agricultural or mechanical, must have a thorough grounding in the principles of mathematics; therefore, the courses here are made as practical and informational as possible, without lessening the training in clear and logical thinking.

FIRST YEAR, ADVANCED ARITHMETIC AND ALGEBRA

Fall Term:

This course will be mainly review. It will cover the principles of arithmetic as a whole, special emphasis being upon the equation. Textbook: Milne's Arithmetic, Book III.

Winter Term:

Beginning Algebra: Positive and negative numbers, parenthesis, simple problems requiring the use of the equation. The four fundamental operations.

Spring Term:

Algebra, continued. Factoring; fractions.

Textbook: Complete School Algebra (Revised), Hawkes, Luby and Teuton.

SECOND YEAR, ALGEBRA (*Continued*)

Fall Term:

Fractions, continued. Problems involving fractions, graphical representation. Linear system.

Winter Term:

Linear systems continued; square root, radicals.

Spring Term:

Quadratic systems; review.

THIRD YEAR, PLANE GEOMETRY

Fall Term:

Elementary principles. The Geometry of rectangular figures. Book 1.

Winter Term:

The Geometry of the Circle. Similar Polygons, Areas, Regular Polygons, Books II and III.

Spring Term:

The Geometry of Areas, Regular Polygons, Variables and Limits.

FOURTH YEAR HIGH SCHOOL

Solid Geometry. Lines, Planes and Angles in space. Prisms and parallelopipeds, pyramids and cones, the sphere. Textbook: Plane and Solid Geometry, Wells and Hart.

SCIENCE

1. GENERAL SCIENCE WITH LABORATORY WORK. Snyder's Everyday Science. Five periods a week.

2. PHYSIOLOGY. Laboratory work and notebook will be required. Two periods a week during the year. Ritchie and Caldwell's Human Physiology.

3. PHYSICS. A year's course in Physics with laboratory work. Notebook required. Carhart and Chute, Practical Physics.

4. CHEMISTRY. Elementary Chemistry. Three recitation hours per week and two laboratory periods per week. McPherson's Chemistry.

CIVICS

First Year:

Community Civics. The chief aim of this course is to train the student for intelligent and conscientious participation in civic affairs. Pupils are urged to watch the daily newspaper for items of practical interest. A record of these items is kept in a notebook. This course aims to give the student a better understanding of social problems; our relation with other countries; our financial problems, etc.

This course runs five periods a week for the entire session.

HISTORY

MR. GRIMES

Second Year:

Fall Term: Ancient History. 5 periods a week.

Winter Term: Medieval History. 5 periods a week.

Spring Term: Modern History. 5 periods a week.

Third Year:

Fall Term: American History. This course deals in a general way with the history of the United States, supplemented by a course in Negro History. 3 periods a week.

Winter Term: Continuation of the work of the Fall Term.

Spring Term: Continuation of the work of the Winter Term.

COMMERCIAL DEPARTMENT

The aim of this course is to meet the needs of business and to supply the increasing demand for bookkeepers, stenographers and business managers. Open to students who have had four units of high school work.

OUTLINE OF COURSES

SECOND YEAR

English	English	English
Ancient History	Medieval History	Modern History
Bookkeeping	Bookkeeping	Bookkeeping
Phonography	Phonography	Phonography
Typewriting	Typewriting	Typewriting

SECOND YEAR

English	English	English
Phonography	Phonography	Phonography
Typewriting	Typewriting	Typewriting
American History	American History	American History

THIRD YEAR

English	English	English
Business Law	Business Law	Phonography
Phonography	Phonography	Typewriting
Typewriting	Typewriting	Business Law
Spanish or French	Spanish or French	Spanish or French
Economics	Economics	Economics

A. & T. College is in itself a complex business organization, and in addition to the course outlined offers in its offices unusual advantages in the way of study and training for the students. Students are given an opportunity to observe the conduct of these offices, thus enabling them at first hand to gain experience which will add materially to their power.

MILITARY DEPARTMENT

CAPT. CAMPBELL

1. In October, 1919, the United States War Department designated military training at the A. & T. College under the provision of Special Regulations No. 45, War Department, 1920, and detailed Captain R. L. Campell, Infantry Section, Officer Reserve Corps, U. S. Army, as Professor of Military Science and Tactics.

2. All students, who are physically fit and sixteen years of age or over, automatically become members of the Military Department upon entering school.

BENEFITS AND VALUE OF MILITARY TRAINING

(a) In the Military Department a man will be taught the lesson of discipline, which means that he will learn to lead and to be led, to obey orders and to give orders, to co-operate effectively with others — *Team Work*. These are lessons which are worth learning, whether one goes to war or goes to work.

(b) Military training will enrich the educational resource of the college by contributing new problems, applications and equipment. This will not only vitalize the course of study, but give the student a training which will be valuable in his in-

dustrial or professional career as it would be, should the nation call upon him to act as a leader in its defensive forces.

(c) A military unit is largely dependent for its efficiency upon the physical fitness of the individuals composing it. Physical training, therefore, will form an essential part of the military instruction. It will be the policy to encourage and support, in every way practicable, the physical training given by the civilian teachers, thus co-operating with all other effective agencies in an effort to promote a more vigorous American manhood.

(d) The Military Department aims to make every man physically sound and to teach him the habits of self care. No other form of physical training equals in soundness and efficiency that afforded by drill in the open and by mass athletics, both designed to develop the mind and body by certain well-defined movements. Drill and physical exercise, properly given, will fit the student to endure physical hardship, discipline him in accuracy, orderliness, punctuality and alertness and will insure quickness, precision and the habit of concentrated attention. It will accustom the student to cooperation, and promote comradeship and emphasize the spirit of duty and service.

The regularity and thoroughness of these exercises contribute much to the health and growth of the student. Their physical improvement is always a cause for deep and abiding joy and pleasant surprise on the part of parents and friends.

ARMS AND EQUIPMENT

3. Approximately \$10,000 worth of arms and equipment is furnished the college by the War Department, for which the college gives bond in the required sum. This equipment is used for the benefit of the cadets in the many various phases of military instruction.

4. Uniforms may be furnished the students by the government, in which event a deposit will be made by the student with the institution, to insure the safekeeping and return of the property so issued.

COURSE OF INSTRUCTION

5. The following subjects are taken up during the year and a prescribed number of hours of instruction devoted to each:

Organization.

Military Courtesy and Discipline.

Drill—Close and Extended Order.

Ceremonies.

Marching.

Care in Handling of Arms and Equipment.

Small Arms Firing.

Personal Hygiene, First Aid, and Sanitation.

Interior Guard Duty.

Minor Tactics.

Morale.

Physical Training.

Bayonet Training.

General Review of all Subjects.

The training is progressive and follows the plans laid down by the War Department.

NIGHT SCHOOL

In order to extend the usefulness of this institution as far as possible among young men who are without means or friends to assist them, a night school will be conducted that will permit students to work during the day and attend school at night. While the opportunities for advancement in the night school will not be equal to those of the day school, the best that the conditions permit will be given, and students attending the night school may eventually arrange to enter the day school. Courses completed in the night school receive the same credit as if completed in the day school.

It is especially desirous that young men of the city who are employed during the day will avail themselves of this opportunity.

To enter the night school, the applicant should be sixteen years of age, and he should first secure work. This may be done by sending a written application to the President, A. and T. College, Greensboro, N. C.

SUMMER SCHOOL

The twenty-ninth annual session of the A. and T. College Summer School will begin June 15, 1926, and continue six weeks. The Negro teachers of the state are invited to co-operate in building a strong Summer School that will help foster patriotism and bind together all who are interested in educational progress in North Carolina.

Specialists in Primary Methods, School Management, and all the common school branches will be included on the staff of instructors.

The college is beautifully located and in an ideal spot for a pleasant summer vacation.

For prospectus, etc., apply to President F. D. Bluford, Greensboro, N. C.

ENROLLMENT-SESSION 1924-1925

TRADE SCHOOL DEPARTMENT

FIRST YEAR TRADE CLASS

Avery, Jr., William S.	Wilson Mills
Bowser, Winfield	Greensboro
Butts, Charlie R.	Jackson, Tenn.
DeBerry, Jack	Lowe, West Va.
Faulkner, Taylor	Memphis, Tenn.
Guffie, Lucus	Chattanooga, Tenn.
Hall, Isaac	Huron, Tenn.
Hall, John	Altavista, Va.
Northercross, Marshall	Jackson, Tenn.
Pearsall, Eddie	Magnolia
Richmond, Seymore	Greensboro
Simpson, Merimon O.	Winston-Salem
Wade, Marcus	Jackson, Tenn.
Washington, Harvey	Charlotte

SECOND YEAR TRADE CLASS

Allen, J. Franklin	Wadesboro
Ayers, Solomon	Kenley
Barnes, Mildred	Ahoskie
Beamon, Chester	Waltsonburg
Best, Theophilus	Snow Hill
Blakney, Eunace	Marshville
Bond, Lewis C.	Windsor
Brotherton, Napoleon S.	Davidson
Clayborne, John	Princeton, N. J.
Clanton, Benjamin J.	Littleton
Cogdell, Derotha N.	Washington
Currie, Albert	Rich Square
Davis, Robert G.	Marmanduke
Faulkes, Wayman W.	Greensboro
Ford, Jr., Robert	Forest Depot, Va.
Foushee, Claude	Greensboro
Gatling, Willie G.	Weldon
Guess, Hurlie H.	Durham
Guy, Daniel	Cullasajo
Hamilton, Wilbur J.	Fallston
Hamm, William	Goldsboro
Henry, John A.	Mount Olive
Jackson, Sydnor	Fremont
Lewis, Samuel N.	Toccoa, Ga.

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Luck, John H.	Ramseur
Meachem, Robert L.	Wadesboro
Middleton, Mack C.	Warsaw
Miller, Delmas	Reidsville
Minor, David	Guilford College
Monroe, Clarence	Marston
Murphy, Ruthered	Concord
Peacock, Winston McD.	Whiteville
Rieves, Wm. Ernest	Siler City
Reddick, Thurmand A.	Williamston
Reynolds, J. Theodore	Enfield
Stewart, Alexander	Rockingham
Stewart, Ernest	Greensboro
Wall, Rigdon L.	Goldsboro
Watkins, Roy	Asheboro
Watson, Isaac	Greensboro

THIRD YEAR TRADE CLASS

Allen, Willie	Leaksville
Alston, Caswell C.	Pittsboro
Archie, Allen	Dallas
Boone, John W.	Rich Square
Bracy, George W.	Garysburg
Butler, Elsie	Greensboro
Byrd, Shadrick	Wilmington
Campbell, Edward	Maxton
Cheek, William H.	Elbron
Coble, Alonzo N.	Randleman
Covington, Clarence B.	Rockingham
Davis, James S.	Merry Mount
Dickens, Marion	Washington
Dorsett, Richard D.	Siler City
Felton, John E.	Hertford
Gilliam, Ronda	Shoals
Gilliam, William L.	Roper
Green, John G.	Siler City
Gupton, George	Castilia
Harris, Chalmos	Laurinburg
Harrison, Kermitt	Harrisburg
Haywood, William	Raleigh
Headen, William	Greensboro
Hines, William	La Grange
Holly, Edward	Windsor
Hussa, Theodore	Kinston
Jones, Oliver D.	Weldon

Jones, Sylvester	Holly Springs
Joyner, Joseph A.	Farmville
Kee, Edward	Jackson
Leach, Jr., Charlie H.	Faison
Lewis, Datus M.	Maxton
Lytle, Paul	Marshville
Lytle, Roscoe	Marshville
McCormick, Clyde	Shannon
McRae, Julius J.	Red Springs
Martin, Brunie	Gibson
Mitchell, Jasper L.	Ahoskie
Moore, Joseph A.	Elkton
Moye, Marcelous E.	Waltsonburg
Powell, Roswell L.	Apex
Pryor, John H.	Garner
Pugh, Offa V.	Vanceboro
Raigns, John H.	Enfield
Rich, John W.	Mount Olive
Roulhac, Walter R.	Windsor
Smith, O. D.	Greensboro
Terry, Fred D.	Rockingham
Tyson, Laniel L.	Ansonville
Vaughn, Henry C.	La Grange
Waddell, J. Ernest	Ramseur
Walden, Richard H.	George
Ware, Clifton P.	Benaja
Watson, Elihu H.	Grove Hill
Willoughby, Joseph W.	Ahoskie
Willoughby, Spencer	Ahoskie
Womack, Ernest	McMinville, Tenn.

HIGH SCHOOL DEPARTMENT

FIRST YEAR HIGH CLASS

Allen, Thomas W.	Southern Pines
Avery, Lonie D.	Garner
Baker, Jodie	Morrisville
Banks, Thomas P.	Danville, Va.
Beckwith, John	Smithfield
Betha, Leon B.	Latta, S. C.
Berry, David J.	Jellico, Tenn.
Broadway, Oscar W.	Southern Pines
Brown, Augustus F.	Summerville, S. C.
Burge, Green Lée	Greensboro
Burnett, Edgar W.	Plantersville

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Cameron, James I.	Jonesboro
Cameron, Lindsey H.	Jonesboro
Campbell, John A.	Lillington
Campbell, Martin E.	Mooreville
Capehart, William W.	Raleigh
Carr, Sylvester	Lynchburg, Va.
Casey, Henry J.	Culowhee
Chapman, Theodore	Grimesland
Cole, Felix M.	Washington, D. C.
Copeland, James C.	Clinton, S. C.
Cox, Booker T.	Winterville
Craghead, Holcomb W.	Kimball, West Va.
Cross, Haywood	Holly Spring
DeShazo, Charlie F.	Alton, Va.
Donnell, Arthur	Greensboro
Donnell, George	Greensboro
Duncan, Warren E.	Catawba
Durham, W. Nester	Wilson Mills
Gillispie, John	Raeford
Godwin, Jr., George R.	Southern Pines
Graddy, Ellison	Lumberton
Graives, Brandon	Greensboro
Green, Martin R.	Candor
Hall, Joseph C.	Hallsville
Hall, Randolph C.	Ahoskie
Hardy, Emmerson B.	Suffolk, Va.
Hardy, Plummer F.	Enfield
Harriston, Oliver	East Spencer
Hayley, Jr., Walter W.	Concord
Hinnant, Ollen B.	Kenley
Hinton, Benjamine H.	Smithfield
Holder, Percy R. N.	Franklinton
Houston, Roosevelt C.	Greensboro
Jeffers, Calvert U.	Roxboro
Johnston, Hubert A.	Greensboro
Jones, Arthur N.	Weldon
Jones, Edward R.	Wake Forest
Keiser, Luther	Oxford
Lane, Walter	Raleigh
Ledbetter, Freeman	Etowah
Lewis, Curtis	Jackson
McDonald, J. Thomas	Rockingham
McKoy, T. Arnett	Raleigh
McLean, James O.	Lillington
McMillian, John D.	Dundarrach

McNeeley, Harney	Lancaster, S. C.
Manley, Jr., John W.	Hampton, Va.
Manley, Sidney A.	Littleton
Matthews, Cornelius F.	East Orange, N. J.
Mayhew, Robert P.	Charlotte
Mitchell, James J.	Ahoskie
Moore, John D.	Derita
Moore, Lester V.	Norfolk, Va.
Mordecia, Demetrius A.	Raleigh
Mosley, James T.	New Bern
Nicholson, Anderson	Bessemer City
Norwood, Herbert	Stoval
Nunn, T. Roosevelt	Durham
Osborne, Dewitt T.	Charlotte
Patterson, James A.	Benson
Searles, George C.	Philadelphia, Penn.
Shephard, Reuben	Raleigh
Sherard, Carl A.	Iva, S. C.
Simmons, R. Harold	Monroe
Slade, Turner K.	Williamston
Sledge, Fred D.	Vaughn
Speller, Fred D.	Windsor
Stephens, J. Anthea	Whiteville
Stephenson, Walter H.	Seaboard
Swinson, Jr., Green T.	Snow Hill
Thornton, Bernice H.	Warrenton
Thornton, William S.	Fredericksburg, Va.
Torrence, Curtis L.	Salisbury
Towsend, Ernest	Hamlet
Towsend, John W.	Maxton
Tyner, Anthony L.	Murfreesboro
Tyson, Arthaniel L.	Ansonville
Vann, John A.	Como
Wedderburn, Hubert E.	Jamaica, B. W. I
Welch, James W.	Garysburg
Williamson, Walter	Statesville
Willis, Jr., G. Hamilton	Winston-Salem

SPECIAL FIRST YEAR HIGH SCHOOL STUDENTS

Claggett, Stephenson D.	Geneva, N. Y.
Cunningham, John	Thomasville
Douglass, Alonzo P.	Jonesboro
Pemberton, J. Thomas	Rockingham
Steadman, William	Greensboro

SECOND YEAR HIGH CLASS

Anderson, William	Beaufort
Artis, Clarence J.	Farmville
Baker, Samuel E.	Littleton
Bennett, William R.	Newton
Blount, Arthur	Farmville
Bond, Dempsey	Windsor
Boykins, William L.	Camden, S. C.
Broadhurst, Hudie H.	Seven Springs
Campbell, Charlie	Mooreville
Carpenter, William M.	Maxton
Cole, Jr., Jonas H.	Morven
Coleman, Hermon	Fredericksburg, Va.
Coleman, William H.	Badin
Cooper, Joseph W.	Windsor
Connally, Theodore R.	Grantville, Ga.
Connor, Jr., Walter D.	Concord
Davis, Eldridge	Brookneal, Va.
DeBerry, Charlie U.	Greensboro
DeVane, William V.	Broadway
Dixon, Chester R.	Rocky Point
Edwards, Leonard M.	Mount Olive
Ellis, Thomas	Wilson
Faison, Jr., Frank	Clinton
Francis, Ernest B.	Exmore, Va.
Foust, Hermon	La Grange
Gilliard, Charles B.	Charlotte
Gilliard, Osborne M.	Charlotte
Grady, Jr., Daniel L.	Wilmington
Graves, Cecil C.	Reidsville
Haggans, William	Roper
Hamilton, Fred D.	Hasty
Hargrove, Jodie S.	Faison
Harris, E. Odell	Wadeville
Harris, Johnston E.	Littleton
Harris, Reginald M.	Warren Plains
Harriston, Jacob R.	Martinsville, Va.
Hill, Lacy K.	Red Springs
Honablew, Joseph A.	Creswell
Hopkins, Jr., Frank H.	Greenville
Jackson, Edward E.	Carthage
Jenkins, Bennie H.	Ahoskie

Jimenez, Armando M.	Quyaran, Porto Rico
Johnson, James C.	Wadesboro
Johnson, Leroy	Harrisburg
Joñes, William H.	Suffolk, Va.
King, Harvey A.	Newton Grove
King, Robert M.	Warren Plains
Lawrence, McGlenn	Murfreesboro
Lindsey, Edward	Eagle Spring
McCormick, George C.	Shannon
McDonald, Clyde	Rockingham
McKethan, Samuel	Wade
Mallory, Worth E.	Raleigh
Martin, Clarence	Leaksville
Martin, Henry Clay	Asheville
Mayo, John H.	Norfolk, Va.
Miller, Cecil C.	Greensboro
Moffit, James L.	Greensboro
Morgan, Jr., George W.	Rockingham
Myrick, Shirley E.	Enfield
Parker, Rencie L.	Suffolk, Va.
Parker, Wilbur J.	Suffolk, Va.
Pendarvis, Frederick	Cordova, S. C.
Pendleton, Dudley U.	Fredericksburg, Va.
Penn, Orville D.	Greensboro
Phillips, Oliver W.	Kernersville
Pickett, Clyde W.	Beaufort
Poulson, T. Roosevelt	Nassawadox, Va.
Powell, Clarence M.	Apex
Pratt, Henry A.	Fredericksburg, Va.
Quinn, Albert J. O.	Raleigh
Ramseur, John L.	Lincolnton
Rice, Caswell	Garysburg
Sanders, Claude D.	Smithfield
Savage, Stewart E.	Hobgood
Shaw, Roland	Proctorville
Silver, Samuel	Enfield
Streater, James S.	McFarlon
Thomas, James L.	Asheville
Thompson, Charlie G.	Faison
Thompson, Glenn	Glendon
Thompson, Julius C.	Faison
Torrence, A. Leon	Concord
Wallace, John H.	Wilmington
Watson, Romey R.	Grove Hill

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White, Jr., William W.	Phoebus, Va.
Whitley, Eugene	Wilmington
Williamson, Weldon R.	Ruffin
Willoughby, Thomas	Ahoskie
Woodard, Russel	Smithfield
Wooten, Edward T.	Greenville
Young, Claude G.	Statesville

SPECIAL SECOND YEAR HIGH CLASS STUDENT

Bishop, James H.	Wilmington
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THIRD YEAR HIGH CLASS

Alexander, William B.	Wise
Baker, Elijah J.	Kinston
Bennett, Chester E.	Monroe
Beverly, Peter B.	North Emporia, Va.
Boone, William H.	Wilmington
Bowes, Charles E.	Fredericksburg, Va.
Broadhurst, John W.	Seven Springs
Brooks, Theodore H.	Beaufort
Brown, Mackey V.	Fredericksburg, Va.
Bryant, Roger R.	Acme
Budd, John H.	Mount Olive
Burnes, Harold	Asheville
Canty, Moses J.	Pinewood, S. C.
Carney, James A.	Tarboro
Collins, Fred D.	Bird's Nest, Va.
Colson, Lester	Norwood
Connor, Jesse L.	Concord
Daniel, John T.	Apex
Darden, Reuben	Ahoskie
Debnam, Camilus E.	Raleigh
Faison, Clarence	Oriental
Friday, Francis T.	Mooresville
Galloway, Nathaniel N.	Supply
Graham, John A.	Proctorville
Grandy, Clemuel D.	Wilson Mills
Goodwin, John E.	Congree, S. C.
Goore, Horace C.	Hickory
Harris, Jr., John B.	Fredericksburg, Va.
Hemphill, Jr., Pink H.	Old Fort
Henry, John W.	Winnsboro, S. C.
Hester, Clarence E.	Raleigh
Holloman, Booker W.	Powellsville

Holt, Elmer D.	Greensboro
Holt, John A.	East Spencer
Howard, Clifton E.	Wilmington
Houston, Lawrence W.	Kenansville
Jenkins, James M.	Cameron
Kornegay, Robert O.	Mount Olive
Lane, James F.	Raleigh
Lassiter, Lewis E.	Durham
Lennon, Early	Broadman
Little, Cevera	Newport News, Va.
Lloyd, Lawyer K.	Currie
Lloyd, Montgomery B.	Currie
Lyons, Charlie W.	Whitakers
McDonald, Floyd G.	Southern Pines
Malloy, John W.	Greensboro
Manley, William O.	Hertford
Michael, Julian H.	Asheville
Mitchell, Roger T.	Wilmington
Morgan, Claudius W.	Raleigh
Nivens, Victor H.	Monroe
Patterson, Maceo E.	Youngstown, Ohio
Peddy, William A.	Holly Spring
Pollard, Floyd C.	Laurinburg
Potts, Elwell A.	Sanford, Florida
Randolph, Lewis	Washington
Slocum, Jr., Bernard	Raleigh
Smith, Jr., James L.	Raleigh
Smith, Samuel C.	Smyrna, S. C.
Spaulding, P. Ross	Clarkton
Whitfield, Oscar N.	Greensboro
Whitted, William H.	Goldsboro
Wilson, Raleigh W.	Waynesville
Young, Jr., Julian C.	Fredericksburg, Va.

FOURTH YEAR HIGH CLASS

Atwater, Frank B.	Morrisville
Bell, Charles M.	Morehead City
Bell, Henry R.	Philadelphia, Pa.
Blake, Jr., Henry R.	Woodville
Broadhurst, Moses J.	Seven Springs
Burt, Moses C.	Gupton
Curtis, Walter F.	Raleigh
Flagg, Jr., Charles E.	Raleigh
Forbez, Earl	Greenville

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Gibson, Max E.	Landis
Gordon, Allison	Southport
Hamme, Thomas A.	Oxford
Hemby, Jr., Samuel H.	Wilmington
Hinton, Fred H.	Edenton
Holt, Willard S.	Graham
Hyman, Edward C.	Oak City
Jordan, Jr., William A.	Beaufort
Lennon, Wade W.	Broadman
Lucus, Jr., John T.	Fredericksburg, Va.
McKethan, Hecter R.	Wade
McLaughlin, John C.	Raeford
McLendon, Charles H.	Badin
Manley, Jr., Nathan	Hertford
Meachem, Livie C.	Kings Creek, S. C.
Norcott, Jr., William K. D.	Greenville
Overton, Anthony M.	Hertford
Pitts, Walter E.	Winston-Salem
Plummer, Samuel H.	Middlesburg
Purvis, Noah E.	Williamston
Rogers, George F.	Greensboro
Smith, Charles C.	Scotland Neck
Smith, Howard A.	Wilmington
Smith, James O.	Morehead City
Smith, Leonard H.	Palmetto, Fla.
Thompson, Frank W.	Hamlet
Turner, Earl T.	Greensboro
Walden, Floyd R.	Rich Square
Wall, James C.	Asheville
Williams, Lloyd A.	Wilmington
Wooten, Charles D.	Lexington
Wynn, Alfred B.	Powellsville
Wynn, William McK.	Powellsville

COLLEGE DEPARTMENT

FRESHMAN CLASS

Armstrong, Craig R.	Kings Mountain
Boomer, Charles C.	Pantego
Brown, Paul R.	Greensboro
Chandler, Harold B.	Asheville
Cheatham, Ludd N.	Gumberry
Gamble, Willard D.	High Point
Garry, Elijah J.	Eastover, S. C.
Henderson, Harvey P.	Bristol, Tenn.

THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE 111

Lowe, Ralph E.	Reidsville
McCormick, John C.	Raeford
Michael, Otis B.	Asheville
Miller, Jesse J.	Lexington, Ky.
Milner, Armisterd E.	Roanoke, Va.
Martin, Jr., Frederick P.	Asheville
Puryear, Jr., William H.	Bryn Mawr, Pa.
Twitty, J. Hermon	Kings Mountain
Williamson, Willard H.	Ruffin
Williams, Croxton	Marietta
Williams, King A.	Blount's Creek

SOPHOMORE CLASS

Clark, Southgate G. D.	Hamlet
Sinclair, Edward D.	Chesterfield, S. C.

JUNIOR CLASS

Felder, William H.	Charleston, S. C.
Foster, Charles A.	Waynesville
Griffin, Thomas P.	Hamlet
Hawkins, Jr., Washington	Athens, Ga.
Murrill, Hill F.	Jacksonville
Oliver, Jerry W.	Almagro, Va.
Williams, Opie H.	Warsaw

SENIOR CLASS

Brown, Jr., Samuel Edward	Waynesville
Chalmers, John Daniel	Cameron
Grandy, Walter Maxie	Wilson Mills
Harris, Carl Allenmore	Warren Plains
Harrison, Elgin Lenwood	Cumnock
Holloway, John Henry	Lynn Haven, Va.
Hyman, John Christian	Oak City
Jackson, Waiters Baxter	Chadbourn
Jeffers, Thelrege	Roxboro
Kelly, William Percevil	Southern Pines
Locke, James Trevor	China Grove
Setzer, Earl Clinton	Clover
Spaulding, Major Franklin	Clarkton
Spearman, John Wesley	Scott's Hill
Tillery, Luther Bert	Morehead City

SPECIAL STUDENTS UNCLASSIFIED

Anthony, Henry L.	Speede
Dick, James	Greensboro
Funderburke, Oscar	Monroe
Gibbs, Carlton	Catawba
Jackson, Morgan	Wilmington
Johnson, Lehoman	Roper
Jones, Lloyd	Asheville
Joyner, James	Greensboro
Lowman, John	Asheville
McRae, Sandie	Maxton
Miller, Roland	Kinston
Mullins, John	Reidsville
Newby, Jesse H.	La Grange
Porter, Ruschell	Tyner
Ramseur, Alexander	Lincolnton
Smith, C. S.	Greensboro
Smith, Herod	Smithfield
Sneed, Alton	Mount Olive
Thomas, General	Union, S. C.
Williams, Carlton S.	Greensboro
Williams, John A.	Mount Olive

PART TIME TRADE STUDENTS

Headen, Waldorf	Greensboro
Herbin, Elmer L.	Greensboro
McRaey, Wiley G.	Greensboro
O'Neil, Edward	Greensboro
Stroud, John	Greensboro

LIST OF SUMMER SCHOOL TEACHERS 1924

Adams, (Miss) Janie L., 400 South Middle Street, Charlotte, N. C.
Alderidge, (Miss) Mable, 902 High Street, Greensboro, N. C.
Alderidge, (Miss) Pearl, 902 High Street, Greensboro, N. C.
Allen, (Miss) Annie Mae, 609 High Street, Greensboro, N. C.
Allen, (Miss) Evelyn D., 409 Holbrook Street, Danville, Va.
Allen, (Miss) Nanie J., Lumberton, N. C.
Allen, (Miss) Pearl, Leaksville, N. C.
Allison, (Miss) Thelma, Statesville, N. C.
Anderson, (Miss) Lillian A., R. F. D. 4, Box 121, Lynchburg, Va.
Anderson, (Miss) Lucy V., Lynchburg, Va.
Anderson, (Miss) Olive, 103 Ann Street, Greenville, S. C.
Armstrong, (Miss) Lucy M., 326 Myrtle Avenue, Rocky Mount, N. C.

- Arnold, (Mr.) W. N., 240 Beaumont Street, Asheville, N. C.
 Arrington, (Mrs.) Mattie, 410 Lee Street, Goldsboro, N. C.
 Bacon, (Miss) Pearl E., 326 Mulvaney Street, Knoxville, Tenn.
 Baggett, (Rev.) Jacob A., Red Springs, N. C.
 Bailey, (Mr.) Nathaniel A., Pittsboro, N. C.
 Baldwin, (Mrs.) Eunice B., 610 East Washington Street, High Point, N. C.
 Blackledge, (Miss) Willie G., 139 Bern Street, New Bern, N. C.
 Bluford, (Mrs.) Hazel D., 1007 Lindsay Street, Greensboro, N. C.
 Blue, (Mrs.) Annie W., Carthage, N. C.
 Bobo, (Mr.) William J., Willford, S. C.
 Boone, (Miss) Viola M., 1018 Bilbow Street, Greensboro, N. C.
 Boyd, (Miss) Mable, Morehead City, N. C.
 Boykins, (Mrs.) Jerusha H., Burlington, N. C.
 Bradford, (Mrs.) E. P., 1051 East Market Street, Greensboro, N. C.
 Brock, (Mrs.) Claranett D., Mount Olive, N. C.
 Brooks, (Mrs.) C. M., Greensboro, N. C.
 Brown, (Miss) Cassie V., Goldsboro, N. C.
 Brown, (Mr.) D. E., Richlands, N. C.
 Bryan, (Mrs.) Mary S. R., New Bern, N. C.
 Bullock, (Mrs.) A. H., 725 Baptist Street, Greensboro, N. C.
 Bullock, (Mrs.) M. D., 510 Bennett St., Greensboro, N. C.
 Bullock, (Mrs.) R. Morehead, 919 East Market Street, Greensboro, N. C.
 Byers, (Miss) Daisy Lee, Greensboro, N. C.
 Blain, (Mr.) Alexander, Ringgold, Va.
 Cladwell, (Miss) Zelma, Morganton, N. C.
 Carrington, (Miss) Wilphria, Leaksville, N. C.
 Cassiday, (Miss) Daisy L., Selma, N. C.
 Chambers, (Miss) Pearl, R. F. D. 3, Box 80, Marshville, N. C.
 Chappelle, (Mrs.) Willie E., 133 East Market Street, Reidsville, N. C.
 Chairty, (Miss) Ethel, Norfolk, Va.
 Cherry, (Mrs.) Nena W., 1217 Green Street, Greenville, N. C.
 Coble, (Miss) Augusta M., Greensboro, N. C.
 Compton, (Mr.) Lewis W., Snow Camp, N. C.
 Cooper, (Miss) Charlotte L., 16 New Brooklyn Street, Orangeburg, S. C.
 Cooper, (Miss) C. Ruth, 702 Gladen Street, Washington, N. C.
 Corbet, (Miss) Verlie H., 125 North Dudley Street, Greensboro, N. C.
 Coltrane, (Miss) Lenora, 915 Bennett Street, Greensboro, N. C.
 Corpening, (Mr.) P. E., Morganton, N. C.
 *Craig, (Miss) Nettie M., 227 North Macon Street, Greensboro, N. C.
 Craven, (Mr.) G. N., Cole's Store, N. C.
 Crisp, (Mrs.) Alberta Walker, 77 Ridge Street, Reidsville, N. C.
 Cox, (Miss) Aldine, Asheboro, N. C.
 Cox, (Miss) Lucile, Asheboro, N. C.

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- Cox, (Mr.) P. J., Box 7, Mebane, N. C.
 Davis, (Miss) Annie, Reidsville, N. C.
 Davis, (Miss) Beatrice, Weldon, N. C.
 Davis, (Miss) Marie A., Salisbury, N. C.
 Davis, (Miss) Mattie J., Reidsville, N. C.
 Davis, (Mr.) Richmond, Elbron, N. C.
 Dawkins, (Miss) Dahla R., 131 Glover Street, Greenville, S. C.
 Daye, (Miss) Annie B., R. F. D. 4, Box 17-A, Goldsboro, N. C.
 Dent, (Miss) Louise, 402 McKinley Street, Dublin, Ga.
 Dozier, (Mrs.) Mary B., Halifax County Training School, Print, N. C.
 Duncane, (Mr.) S. E., Salisbury, N. C.
 Eaton, (Mrs.) L. G., Reidsville, N. C.
 Eaton, (Miss) Mary L., Henderson, N. C.
 Edwards, (Miss) Annie M., Greenville, N. C.
 Edwards, (Miss) Ruth N., Weldon, N. C.
 Ellis, (Mrs.) Carrie, R. F. D. 1, Box 22, Greensboro, N. C.
 Enloe, (Miss) Annie G., 510 North York Street, Gastonia, N. C.
 Epps, (Mr.) Charles M., Greenville, N. C.
 Fairley, (Miss) N. M., 321 East Spencer Street, Goldsboro, N. C.
 Faulkner, (Mr.) Ralph C., 131 North Dudley Street, Greensboro, N. C.
 Farris, (Miss) Cleo, 210 West Walnut Street, Gastonia, N. C.
 Felder, (Mrs.) Margaret, 125 Mitchell Street, Greensboro, N. C.
 Ferrell, (Mrs.) Lena A., Enfield, N. C.
 Few, (Miss) Jennie R., 167 College Street, Asheville, N. C.
 Fisher, (Miss) Adelaide M., 76 Bern Street, New Bern, N. C.
 Fisher, (Miss) Nonie L., Salisbury, N. C.
 Fitts, (Mrs.) Howard M., 1007 Washington Street, Wilson, N. C.
 Floyd, (Mr.) John H., Harrison Street, Leaksville, N. C.
 Forney, (Mrs.) Cornelia T., 905 High Street, Greensboro, N. C.
 Forney, (Mrs.) Docia Mae, 634 East Washington Street, High Point, N. C.
 Foster, (Miss) Bettie L., Louisburg, N. C.
 Foster, (Mr.) Charles A., Waynesville, N. C.
 Foushee, (Miss) Blanche M., Glendon, N. C.
 Foushee, (Mr.) William, 839 Austin Street, Greensboro, N. C.
 Frazier, (Miss) Rovenä, Manning, S. C.
 Freeman, (Miss) Mattie P. Milton, N. C.
 Fuller, (Miss) Mable D., Franklington, N. C.
 Foye, (Miss) Eddie M., 515 Blount Street, Washington, N. C.
 Gainey, (Miss) Mamie L., Dunn, N. C.
 Gambrell, (Miss) Rosera V., Greensboro, N. C.
 Gilliam, (Miss) Laura, Gilmerton, Va.
 Glass, (Miss) Mary T., 314 Swell Avenue, Raleigh, N. C.
 Glenn, (Miss) Mildred V., 443 East Washington Street, Greensboro, N. C.
 Graves, (Mrs.) Addie, Gibsonville, N. C.

- Gray, (Miss) Lucy B., Box 488, Goldsboro, N. C.
 Gray, (Miss) Margaret D., Box 488, Goldsboro, N. C.
 Green, (Miss) Annie M., Bennettsville, S. C.
 Green, (Mr.) R. L., Sea Grove, N. C.
 Griffin, (Mrs.) Dora P., Hamlet, N. C.
 Griffin, (Mr.) Thomas P., Hamlet, N. C.
 Hamme, Thomas A., Oxford, N. C.
 Haith, (Miss) D. Ella, 310 North Macon Street, Greensboro, N. C.
 Hamilton, (Mrs.) Alice L., 505 Persimmon Street, Goldsboro, N. C.
 Hamilton, (Miss) Luvenia, 505 Persimmon Street, Goldsboro, N. C.
 Hampton, (Miss) Emma H., Leaksville, N. C.
 Hannon, (Mrs.) Helen, Tryon, N. C.
 Hargrove, (Mrs.) Mary E., 638 East Gaston Street, Greensboro, N. C.
 Harper, (Mrs.) Carrie M., 610 North 7th Street, Wilmington, N. C.
 Harris, (Miss) Oressa, North Wilkesboro, N. C.
 Harrison, (Mr.) J. W., Cumnock, N. C.
 Harrison, (Mr.) M. L., 115 W. Avenue, Gastonia, N. C.
 Headen, (Miss) Fannie B., 807 Bennett Street, Greensboro, N. C.
 Headen, (Miss) Marie, 604 South Street, Mount Airy, N. C.
 Headen, (Miss) Sallie V., 807 Bennett Street, Greensboro, N. C.
 Headen, (Mr.) T. C., Andrews, N. C.
 Henderson, (Miss) Ione, Hickory, N. C.
 Henderson, (Mr.) Leroy R., 901 High Street, Greensboro, N. C.
 Hill, (Miss) Cora E. Greensboro, N. C.
 Hill, (Mrs.) Pattie M., 119 Mitchell Street, Greensboro, N. C.
 Hill, (Miss) Virginia, 141 Beech Street, Greensboro, N. C.
 Holt, (Miss) Dorothy A., Graham, N. C.
 Holt, (Miss) Eliza C., Graham, N. C.
 Holt, (Mrs.) Lizzie L., Gibsonville, N. C.
 Holt, (Miss) Mary J., Burlington, N. C.
 Holmes, (Miss) Helen B., 606 Ashe Street, Greensboro, N. C.
 Hunter, (Mrs.) Fannie W., Enfield, N. C.
 Huntley, (Mr.) Frederick D., 1002 Bilbro Street, Greensboro, N. C.
 Hayes, Harry J., Lenoir, N. C.
 Ingram, (Mrs.) Nora M., Mangum, N. C.
 Isley, (Miss) Lorena, 610 Gorrell Street, Greensboro, N. C.
 Jackson, (Miss) Marie G., 26 Magnolia Street, Asheville, N. C.
 Jamerson, (Mrs.) Clara S., Sanford, N. C.
 Johnson, (Miss) Almeta L., Jordan, S. C.
 Johnson, (Miss) Carrie C., Summerfield, N. C.
 Johnson, (Mr.) T. S., Slater State Normal School, Winston-Salem, N. C.
 Johnston, (Miss) Maude P., Box 503, Reidsville, N. C.
 Jones, (Miss) Alice H., Box 488, Wilson, N. C.
 Jones, (Miss) Leora E., Greensboro, N. C.
 Jones, (Miss) Marie E., Wilson, N. C.

- Jones, (Mr.) W. H., Brown Summit, N. C.
 Kirk, (Mr.) J. A., Bennettsville, S. C.
 Koger, (Miss) Rachel D., Greensboro, N. C.
 Lassiter, (Miss) A. O., Oxford, N. C.
 Law, (Miss) Carolyn, 226 North Gilmer Street, Greensboro, N. C.
 Lawrence, (Miss) Annie, 369 Worth Street, Mount Airy, N. C.
 Lay, (Mr.) Benjamin A., Lincolnton, N. C.
 Leak, (Miss) Beatrice, Sanford, N. C.
 Ledbetter, (Miss) Sallie, Uree, N. C.
 Lee, (Miss) Gladys, Shelbyville, Ill.
 Lemon, (Miss) Elizabeth, Winston-Salem, N. C.
 Long, (Mr.) John H., Wadesboro, N. C.
 Lutherloh, (Mrs.) Mary E., Asheboro Street Extension, Greensboro, N. C.
 McAdoo, (Miss) Mary Lee, R. F. D. 7, Box 65, Greensboro, N. C.
 McBroom, (Miss) Erma G., Burlington, N. C.
 McBryar, (Mr.) William, Greensboro, N. C.
 McCallum, (Miss) Fannie, R. F. D. 2, Guilford College, N. C.
 McConnell, (Miss) Mae Francis, 147 Beech Street, Greensboro, N. C.
 McCoy, (Mrs.) Effa Reid, Jackson Springs, N. C.
 McDonald, (Mr.) George, St. Augustine's School, Raleigh, N. C.
 McDuffie, (Miss) Lillian, Nichols, S. C.
 McFall, (Miss) Edith Carr, Charleston, S. C.
 McIver, (Miss) Susie M., 407 Steel Street, Sanford, N. C.
 McKoy, (Miss) Ernestine, Sanford, N. C.
 McLean, (Miss) Newton E., 403 Beech Street, Greensboro, N. C.
 McLean, (Miss) Maggie B., Lumberton, N. C.
 McMaston, (Miss) Rosa L., 101 Gorrell Street, Greensboro, N. C.
 McMillan, (Miss) Annie, Laurell Hill, N. C.
 McMillan, (Miss) Cochie E., Laurinburg, N. C.
 McNair, (Mr.) L. A., Manchester, N. C.
 McNeil, (Mr.) C. W., Manchester, N. C.
 McCallum, (Mrs.) Gladys Mae, 319 Beech Street, Greensboro, N. C.
 Maloy, (Miss) Hattie L., 403 North Dudley Street, Greensboro, N. C.
 Maloy, (Rev.) P. F., 403 North Dudley Street, Greensboro, N. C.
 Maloy, (Miss) S. Majorie, Maxton, N. C.
 Martin, (Mrs.) Annie P., 4 Haid Street, Asheville, N. C.
 Martin, (Miss) Connie, Sandy Ridge, N. C.
 Martin, (Miss) Minnie O., Pendleton, N. C.
 Markham, (Mrs.) Lillie E., 409 North Dudley Street, Greensboro, N. C.
 Maston, (Mrs.) Marion, 627 East Washington Street, High Point, N. C.
 Maulsby, (Mrs.) S. C., Greenville, N. C.
 Melton, (Mr.) Elijah S., East 14th Street Junior High School, Winston-Salem, N. C.
 Moffit, (Mrs.) Mattie A., Benaja, N. C.
 Miller, (Miss) Ora Lee, R. F. D. 7, Box 87, Greensboro, N. C.

- Montgomery, (Miss) Alaska M., Charleston, S. C.
 Montgomery, (Miss) Callie, Salisbury, N. C.
 Morehead, (Miss) Annie W., 327 North Dudley Street, Greensboro, N. C.
 Morrow, (Mrs.) Lottie, 1001 Lindsey Street, Greensboro, N. C.
 Morrow, (Miss) Piccola L., 714 Atkins Street, Winston-Salem, N. C.
 Motley, (Miss) Georgia Lee, Summerfield, N. C.
 Mullins, (Miss) Bessie C., Box 292, Florence, S. C.
 Murrill, Hill F., R. F. D. 3, Box 28, Jacksonville, N. C.
 Mock, (Miss) Clara Bell, 1105 Lee Street, Greensboro, N. C.
 Ogborn, (Miss) Mamie, R. F. D. 5, Box 87, Greensboro, N. C.
 O'Neal, (Miss) Madie P., Winston-Salem, N. C.
 Outlaw, (Mrs.) Jesseua, Windsor, N. C.
 Paylor, (Miss) Rachel A., Mebane, N. C.
 Penn, (Rev.) S. A., 901 Austin Street, Greensboro, N. C.
 Peppers, (Miss) Mary F., Lumberton, N. C.
 Perry, (Mrs.) Habakku B., Monroe, N. C.
 Perry, (Miss) Minnie S., Marmanduke, N. C.
 Pettaway, (Miss) Minnie E., Snow Hill, N. C.
 Phillips, (Mrs.) Elizabeth S., Warren Plains, N. C.
 Pickney, (Rev.) A. C., Carthage, N. C.
 Pookrum, (Mrs.) Fannie Lee, Greensboro, N. C.
 Pope, (Mr.) Leon B., Asheville, N. C.
 Purcell, (Miss) Jetha L., Lumberton, N. C.
 Raiford, (Miss) Louise A., 814 Austin Street, Greensboro, N. C.
 Ray, (Miss) Martel, 2112 Lexington Street, Winston-Salem, N. C.
 Reaves, (Miss) Lessie Belle, 415 North Dudley Street, Greensboro, N. C.
 Reid, (Miss) Cornelia B., High Point, N. C.
 Reid, (Miss) E. V., 529 West 16th Street, Anniston, Ala.
 Reid, (Miss) Lena P., Rocky Mount, N. C.
 Reid, (Miss) Marie O., New Bern, N. C.
 Roberts, (Miss) Gladys, Leaksville, N. C.
 Roberts, (Mr.) Nathaniel H., Tarboro, N. C.
 Robertson, (Mrs.) Theresa J., Tarboro, N. C.
 Robertson, (Miss) Martha L., Irmo, S. C.
 Robinson, (Miss) Geneva M., Batchelor, La.
 Robinson, (Miss) Minetta B., Box 87, High Point, N. C.
 Rogers, (Miss) Irene, Box 142, Graham, N. C.
 Rogers, (Mr.) J. S., 207 Battle Street, Raleigh, N. C.
 Rogers, (Miss) Sallie S., 806 Ashe Street, Greensboro, N. C.
 Royster, (Miss) Alberta, Henderson, N. C.
 Rush, (Mr.) James C., Asheboro, N. C.
 Rush, (Miss) Mamie W., Troy, N. C.
 Sasser, (Miss) Elna J., 500 Persimmon Street, Goldsboro, N. C.
 Sellers, (Miss) Carrie, Box 163, Rocky Mount, N. C.
 Sharp, (Miss) Dortha, R. F. D. 2, Box 14, Greensboro, N. C.

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- Sherrill, (Miss) Odessa L., Statesville, N. C.
 Slade, (Miss) Lillie M., R. F. D. 1, Box 80, Reidsville, N. C.
 Small, John B., Plymouth, N. C.
 Smith, (Miss) Anna Bell, Greensboro, N. C.
 Smith, (Miss) Maude L., 1117 East 11th Street, Winston-Salem, N. C.
 Smith, (Miss) Maudamille, Winton, N. C.
 Smith, (Mrs.) Viola, Dudley, N. C.
 Simpson, (Miss) Fannie E., Winston-Salem, N. C.
 Smallwood, (Miss) Georgia B., Windsor, N. C.
 Smoot, (Miss) Beaulah Geneva, 555 Macon Street, Greensboro, N. C.
 Spaulding, (Mr.) L. L. Clarkton, N. C.
 Spruell, (Miss) Willie B., Laurinburg, N. C.
 Sommerville, (Mrs.) Beatrice H., Warrenton, N. C.
 Stanley, (Miss) Robena, 418 Queen Street, Beaufort, N. C.
 Street, (Miss) Lessie R., R. F. D. 2, Box 7, Greensboro, N. C.
 Sudderth, (Miss) Camille C., 1322 Fifth Avenue, Hickory, N. C.
 Summers, (Mr.) Victor, Lincolnnton, N. C.
 Taylor, (Mrs.) Ava M., Moncure, N. C.
 Taylor, (Miss) Lillian D., Box 434, Oxford, N. C.
 Taylor, (Miss) Mary Agness, 313 North Macon Street, Greensboro, N. C.
 Taylor, (Miss) Mamie L., Brown Summit, N. C.
 Thorpe, (Mr.) Samuel T., R. F. D. 3, Neuse, N. C.
 Timmons, (Miss) Essie Josephine, R. F. D. 4, Box 216, Greensboro, N. C.
 Turner, (Mrs.) Jessie M., Greenville, N. C.
 Thompson, (Mr.) Frank H., 715 East First Street, Charlotte, N. C.
 Waddell, (Miss) Margaret C., 518 High Street, Greensboro, N. C.
 Walker, (Mrs.) Ethel Dockery, Ahoskie, N. C.
 Walker, (Miss) Zenobia O., 107 Boone Street, Greensboro, N. C.
 Washington, (Rev.) G. H. E., 404 Salem Street, Greensboro, N. C.
 Washington, (Mrs.) Nanie G., 404 Salem Street, Greensboro, N. C.
 Walker, (Miss) Naomie, Oxford, N. C.
 Watkins, (Miss) Louise, Asheboro, N. C.
 White, (Miss) Kittie H., 346 North Macon Street, Greensboro, N. C.
 Williamson, (Miss) Ida G., Ruffin, N. C.
 Williams, (Miss) Margaret L., 729 Ashe Street, Greensboro, N. C.
 Williams, (Miss) Mildred B., 318 South Doeland Street, Concord, N. C.
 Williams, (Mr.) Opie H., Warsaw, N. C.
 Wilson, (Miss) Sarah A., Aberdeen, N. C.
 Witherrow, (Miss) Sallie, 703 East Nelson Street, Knoxville, Tenn.
 Witten, (Mrs.) Beatrice, 211 North Gilmer Street, Greensboro, N. C.
 Wilkey, (Mrs.) Ernestine (Foster), 1502 East Market Street, Greensboro, N. C.
 Willis, (Mr.) G. Hamilton, Winston-Salem, N. C.
 Webster, (Prof.) N. C., A. & T. College, Greensboro, N. C.
 Womble, (Mrs.) Eva Price, 509 Bennett Street, Greensboro, N. C.

Womble, (Miss) Willard, 527 Bennett Street, Greensboro, N. C.
 Woods, (Miss) Jannett E., 221 East Gaston St., Greensboro, N. C.
 Wright, (Mr.) George W., Henderson, N. C.
 Wright, (Miss) Lottie H., Reidsville, N. C.
 Wynn, (Miss) Rose Louise, 909 Lindsey Street, Greensboro, N. C.
 Yelverton, (Mrs.) Sadie M. E., 925 Leach Street, Rockingham, N. C.
 Young, (Miss) Gladys, 114 Buffalo Street, Asheville, N. C.
 Young, (Mrs.) Reta Spicer, 718 South Grace Street, Rocky Mount, N. C.

VOCATIONAL AGRICULTURE TEACHERS

Anderson, (Mr.) S. C., Pender County Training School, Rocky Point, N. C.
 Bazenore, B. L., Orange County Training School, Chapel Hill, N. C.
 Blackburn, (Mr.) Vietro, Harnett County Training School, Dunn, N. C.
 Bolden, (Mr.) J. L., Warren County Training School, Wise, N. C.
 Bradby, (Mr.) S. C., Robeson County Training School, Maxton, N. C.
 Couch, (Mr.) Charlie H., Alamance County Training School, Burlington, N. C.
 Hamilton, (Mr.) H. H., Halifax County Training School, Print, N. C.
 Harrison, Jacob, Elizabeth City State Normal School, Elizabeth City, N. C.
 Foust, (Mr.) Jasper, Pitt County Training School, Grimesland, N. C.
 McRae, (Mr.) J. H., Hertford County Training School, Winton, N. C.
 Peterson, (Mr.) James T., Gatewood Station School, Wadesboro, N. C.
 Rice, (Mr.) R. L., Pamlico County Training School, Baboro, N. C.
 Setzer, Earl T., (Mr.) Eastman School, Ringwood, N. C.
 Slade, (Mr.) S. R. W., Columbus County Training School, Whiteville, N. C.
 Wynn, (Mr.) C. S., Bertie County Training School, Powersville, N. C.
 Moses, (Mr.) J. W., Palmer Memorial School, Sedalia, N. C.

DISTRIBUTION BY COUNTIES OF NORTH CAROLINA

Alamance	1	Chatham	9	Franklin	2
Anson	8	Chowan	2	Gaston	4
Beaufort	5	Cleveland	1	Granville	2
Bertie	10	Columbus	8	Green	4
Bladen	1	Craven	2	Guilford	36
Buncombe	10	Cumberland	2	Halifax	12
Brunswick	2	Davidson	2	Harnett	4
Cabarrus	6	Duplin	9	Haywood	3
Carteret	7	Durham	3	Henderson	1
Caswell	2	Edgecomb	3	Hertford	10
Catawba	4	Forsyth	4	Hoke	4

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Iredell	5	New Hanover	14	Sampson	2
Jackson	1	Northampton	13	Scotland	4
Johnston	12	Onslow	1	Stanley	3
Lee	4	Pamlico	1	Surry	1
Lenoir	7	Pender	3	Union	8
Lincoln	3	Person	2	Vance	1
McDowell	1	Perquimans	4	Wake	24
Macon	1	Pitt	10	Warren	15
Martin	5	Randolph	4	Washington	4
Mecklenburg	7	Richmond	11	Wayne	14
Montgomery	2	Robeson	14	Wilson	1
Moore	9	Rockingham	7		
Nash	1	Rowan	5	Total	408

DISTRIBUTION BY STATES AND FOREIGN COUNTRIES

District of Col. ...	1	North Carolina ..	408	West Virginia	2
Florida	2	Ohio	1	Virginia	32
Georgia	3	Pennsylvania	3	British W. Indies .	1
Kentucky	1	Porto Rico	1		
New Jersey	2	South Carolina ..	15		480
New York	1	Tennessee	7		

SUMMARY

Number in attendance session	480
Number in attendance in Summer School	293
Number Vocational Teachers attending Summer School	16
Total	789
Number of counties represented	70

THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE
OF NORTH CAROLINA

Application for Admission

1. Name
2. Postoffice Address—City
3. Street and Number R. F. D.
4. County State
5. Guardian's Name
- Parent's Name
6. Home (Postoffice Address. City)
7. Age last birthday
8. What day do you expect to enter school?
9. Name of school you attended last
10. How many years have you attended high school?
11. Have you ever been dismissed, suspended or expelled from a school?
12. Recommended by
13. Present work is
14. I desire to learn
15. Do you intend to take a full course and graduate?
- If so, what course?
16. Do you intend to remain in college until the end of the session?
- If not, how long do you intend to remain?
- What subject do you wish to take that is not given?

In applying for admission, I promise, if accepted, to conduct myself in a manner becoming to a gentleman, and to make proper use of the educational advantages offered. I promise to observe and obey the regulations of the institution.

Applicant's signature

Do not write below this line

The applicant has been examined and assigned to Year
Class Dept. Classifier
Tuition Lodging Medical Fee
..... Bursar.

The above application approved.

..... President.

No. Entered Page

DIRECTIONS FOR ENTRANCE

The applicant will make the following payments:

Monthly Payments

Laundry, per month	\$ 1.00
Tuition, per month	2.00
Lodging in Morrison Hall, per month	3.00
Lodging, per month	2.00
Board, per month	12.00

Term Payments

Auto Mechanics	\$ 5.00
Blacksmithing	3.00
Broom Making	2.00
Carpentry	3.00
Electricity and Plumbing	2.00
Machine Shop Practice	2.00
Masonry	2.50
Photography	5.00
Shoemaking	3.00
Commercial Course	5.00
Physics	2.00
Chemistry	2.00
Biology	2.00
General Science	1.00
Tailoring	5.00

Yearly Payments

Incidental Deposit	\$ 2.00
Registration Fee	1.00
Lecture Fee	2.00
Dining Hall Fee	1.00
Medical Fee	2.00
Library Fee	1.00
Athletic Fee	5.00
Matriculation, payable once, for new students only	5.00

These fees are payable strictly in advance.

No student can remain on the campus longer than twenty-four hours without registering.

No student will be admitted to any department of the college until he has paid his first month's expenses.

Each student should bring two quilts or blankets, one counterpane, four sheets, two pillow cases, six towels, etc.

F. D. BLUFORD, President.

